T. IREDALE

D. F. McMICHAEL

# MARINE MOLLUSCA OF N.S.W.

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# A REFERENCE LIST OF THE MARINE MOLLUSCA OF NEW SOUTH WALES

By

TOM IREDALE* AND D. F. MCMICHAEL†

* Honorary Zoologist, Australian Museum, Sydney

† Curator of Molluscs, Australian Museum, Sydney

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# A REFERENCE LIST OF THE MARINE MOLLUSCA OF NEW SOUTH WALES

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IN a young and progressive country like Australia, where knowledge of the fauna is increasing rapidly, it becomes necessary at least once in each generation to review progress in systematics with reference lists, which serve as a basis for future work. It is now over forty years since a Check-List of the New South Wales Marine Mollusca was issued (by Charles Hedley, 1918, *J. Roy. Soc. N.S.W.*, 51 Suppl., pp. M.1-M.120) and during that time a great deal of material has been collected and studied from almost every part of the New South Wales coastline, so that Hedley's list is quite obsolete.

Many workers have contributed to knowledge in this field during this century, but the principal changes are due to the studies of Hedley, Iredale, Laseron and Joyce Allan. The present work is an attempt to record the systematic classification and nomenclature of this fauna as it now stands. Work in progress will, no doubt, make it partly out of date as soon as it is published, but it is as complete as we have been able to make it up till the end of 1959. The changes from the old list are numerous, but these are indicated by the citation of the number of the species in Hedley's Check-List at the end of each reference. New records for the state have increased the number of species from about 1,200 to over 2,000. Only those records which have been published in a scientific journal and which are considered to be correctly identified, or those based on specimens in the Australian Museum are included. Several records reported by letter or verbally, but not verified or recorded elsewhere, have not been included.

The arrangement of the genera is in systematic order, the classification not following any particular authority, but being one which seems most satisfactory to us. Each genus is cited with the original reference, and any notable synonyms are indicated. In every case the type species of the genus is given. The letters used indicate the method by which the type species has been determined, following the priorities laid down in the International Rules of Zoological Nomenclature. Five different methods are used and are indicated, in order of preference, as follows:

O.T. Orthotype, or Type Species by Original Designation.
H.T. Haplotype, or Type Species by Monotypy.
T.T. Tautotype, or Type Species by Tautonymy (or by the use of the specific names *typicus* or *typus*).
L.T. Logotype, or Type Species by Subsequent Designation.
T.N.C. Type Species by determination of the Nomenclature Commission. (This latter method has only recently been introduced and covers cases not determinable by any of the above rules, or which are in dispute.)

All these methods of type species determination are quite straightforward, except the Logotypes. Here, the species first selected as Type Species (from among the originally included species) by any subsequent author, must be accepted. Unfortunately it has not always been the practice to give the full references to the works where type species have been subsequently designated. Many authors have cited type species, which they have presumed to be the type, or accepted on hearsay, but without indicating the source of their information. In a number of cases, it appears that these authors have been the first to clearly designate a type species, and so they have quite inadvertently become the selectors of Logotypes. In other cases, we have located early selections, but we cannot be sure that these are the first such selections, and it is quite likely that the whole concept of a genus may be upset by the discovery of an earlier type species selection. In either case, we have quoted in full the references to the earliest selections which we have found, and in a few cases, where no previous selection could be found, we have selected type species ourselves.

Each species is cited in full, with the original reference and figures (if any), the type locality, any important synonyms and references to them, and if the original description did not give a figure, then a later illustration has been cited. In the case of species described from localities beyond the boundaries of New South Wales, the reference to its first record from this State is given wherever possible, except in the cases where the species appeared on Hedley's list and where full details are given. Where an author in referring to a species has used an incorrect name, this misidentification is indicated in the following way "(*x-us*, not of Smith, 1900)". Where a name was originally introduced to replace a preoccupied name, the invalid name and its senior homonym are given. It should be noted

that the type localities of many species were not known at the time of description, or inadequately given (e.g. "Australia" or "South Seas"). Many of these have since been resolved by historical or zoo-geographical research and the localities cited are, for the most part, restricted localities, the reasons for which may be found elsewhere.

This Reference List is intended for popular use as well as scientific study. Check-Lists of the Marine Molluscs of Victoria, Tasmania and South Australia have been issued in comparatively recent years, but old and imperfect lists only are available for Western Australia and Queensland. The State of New South Wales is not in itself a complete zoological unit, as political and zoo-geographical boundaries seldom coincide. The marine fauna of Australia appears to be composed of two diverse elements, a northern and a southern one, and these are separable into smaller regional elements. As the state boundaries are not acceptable, special names have been introduced for these small regions, to clarify the study of the fauna, and these have now come into widespread use. Briefly outlined, the regions are as follows. The northern coast of Australia, from Shark's Bay in Western Australia, along the north coast and down the east coast of Queensland, has been named the SOLANDERIAN Region, and includes two sub-regions, the DAMPIERIAN (the north-western part) and the BANKSIAN (the Great Barrier Reef). The south-eastern coast from south Queensland to south Tasmania has been named the PERONIAN Region, with eastern Tasmania and southern Victoria forming a sub-region, the MAUGEAN. Southern Australia, reaching from western Victoria into Western Australia as far as Geraldton, has been named the FLINDERSIAN Region. These regions do not have precise boundaries, as the Mollusca are mobile animals which often overlap from one region to another, but the general outline has proven to be generally applicable. It may be stated that, as a rule, the species predominant in one region are not common in any other region. In many cases, genera are restricted to one or other of the regions.

The State of New South Wales almost, but not quite, coincides with the PERONIAN Region (minus the MAUGEAN Sub-Region) but many species characteristic of the SOLANDERIAN Region are found as stragglers in the north of the State, and vagrants from the FLINDERSIAN Region may reach to southern New South Wales. It should also be noted that, while the littoral and shallow water Mollusca agree well with the zoo-geographical scheme here outlined, the deepwater Mollusca transgress the boundaries altogether, though they are still very inadequately known.

It should be mentioned here that the figures given in connection with each species are chosen because they best illustrate the species under consideration. However, many of these works will not be available to users of this list. The best source of illustrations available is *Australian Shells* by Joyce Allan (Georgian House, Melbourne, 2nd ed., 1959) where many of the New South Wales shells ar figured.

In the preface to Hedley's Check-List an accoun is given of a number of species, wrongly recorde from New South Wales, which were eliminate from Hedley's List. Among these were a numbe of species described in the reports of the *Challenge* Expedition, supposed to have been dredged fro Station 164B, from a depth of 410 fathoms of Sydney. Hedley noted that some of these shell were apparently Atlantic Ocean species, and s they were not included, but a number of them which were not known Atlantic species, wer retained. Most of these have not been found since and hence can be assumed to be from the Atlanti also, and should be eliminated from our faunal list The species concerned are listed here for reference Most were described by E. A. Smith, 1891, *Proc Zool. Soc. London* for 1891, and the following ar the page and figure references to them.

*atkinsoni, Solarium,* p. 441, pl. 35, figs. 19 a, b (H.1077)

*australis, Lima,* p. 444, pl. 35, fig. 27 (H.175)

*brazieri, Marginella,* p. 440, pl. 34, fig. 14 (H.776)

**carinata, Marginella,* p. 440, pl. 34, fig. 13 (H.777)

* Laseron (1948) recorded this form from 800 fathoms off Sydney and later proposed a new genus *Carinaginella* for it alone. However the figured specimen does not agree very well with Smith's description and figure.

*challengeri, Pecten,* p. 443, pl. 35, fig. 25 (H.64)

*challengeri, Pleurotoma (Drillia),* p. 438, pl. 34, fig. 7 (H.883)

*consanguinea, Odostomia (Turbonilla),* p. 441, pl. 35, fig. 17 (H.1046)

*constricta, Odostomia (Turbonilla),* p. 441, pl. 35, fig. 18 (H.1047)

*crossei, Pleurotoma (Drillia),* p. 439, pl. 34, fig. 8 (H.884)

*dilecta, Nucula,* p. 442, pl. 35, fig. 23 (H.5)

*distincta, Scalaria,* p. 441, pl. 35, fig. 15 (H.644)

*exigua, Cancellaria,* p. 439, pl. 34, fig. 11 (H.804)

*fischeri, Odostomia (Turbonilla),* p. 441, pl. 35, fig. 16 (H.1048)

*hoylei, Pleurotoma (Drillia),* p. 439, pl. 34, fig. 9 (H.882)

*incommoda, Bulla,* p. 442, pl. 35, fig. 20 (H.1105)

*miranda, Mitra,* p. 440, pl. 34, fig. 12 (H.897)

*murrayi, Lima,* p. 444, pl. 35, fig. 26 (H.81)

*ordinaria, Cylichna,* p. 442, pl. 35, fig. 21 (H.1099)

*subacuminata, Tellimya,* p. 442, pl. 35, fig. 22 (H.202)

*umbonata, Nucula,* p. 443, pl. 35, fig. 24 (H.6)

*watsoni, Pleurotoma (Drillia),* p. 439, pl. 34, fig. 10 (H.885)

An additional species was described by Smith, 1894, *Proc. Malacol. Soc. Lond.,* 1, pp. 57 *et seq.,* pl. 7, figs. 1-7, the species being *alta, Lepeta* (H.478). At the same time, Smith discussed the occurrence of the Atlantic shells in deep water off Sydney, but did not reject them as exotic. Later Hedley (1901, *Proc Linn. Soc. New South Wales,* 26, pp. 22-5) discussed the matter in detail, and rejected all the species but those listed above.

An additional six species were described from the

same station by Watson and Donald. These include one known to occur in New South Wales waters (*Nassaria kampyla* Watson = *Cymatona kampyla*) while the remainder, though not since confirmed, have the appearance of local species. Therefore these five species (*Trochus glyptus* Watson, *Trophon carduelis* Watson, *Fusus pagodoides* Watson, *Turritella smithiana* Donald and *Turritella crenulata* Donald) are for the time being placed in suspense as possible members of the fauna, awaiting confirmation. They are included in the list, but placed between perpendicular rules to indicate their doubtful status.

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# PHYLUM MOLLUSCA

## *Class* PELECYPODA (LAMELLIBRANCHIA)

### *Subclass* PRIONODESMACEA

### *Order* PALAEOBRANCHIA

#### *Family* SOLEMYIDAE

SOLEMYARINA Iredale, 1931, Rec. Aust. Mus., 18, p. 202. O.T. *velesiana* Iredale.

1. *velesiana* Iredale, 1931, Rec. Aust. Mus., 18, p. 201. Sydney Harbour, N.S.W. Not figured. Cf. Iredale, 1929, Mem. Queensl. Mus., 9, p. 262, pl. 30, fig. 13 (*terraereginae*, Q'ld).

### *Order* PROTOBRANCHIA

#### *Family* NUCULIDAE

ENNUCULA Iredale, 1931, Rec. Aust. Mus., 18, p. 202. O.T. *obliqua* Lamarck.

2. *obliqua* Lamarck, 1819, Hist. Anim. s. Vert., 6, (1), p. 59. South Tasmania. May, 1923, Illus. Index Tasm. Shells, pl. 1, fig. 5 (H.4).

3. *duritas* Iredale, 1931, Rec. Aust. Mus., 18, p. 202. Sydney Harbour, N.S.W. Not figured. Cf. *obliqua* Lamarck.

4. *consobrina* A. Adams and Angas, 1864, Proc. Zool. Soc. Lond., 1863, p. 427. Port Jackson, N.S.W. Hedley, 1913, Proc. Linn. Soc. N.SW., 38, p. 263, pl. 16, figs. 1-3, type figured (H.3).

5. *astricta* Iredale, 1931, Rec. Aust. Mus., 18, p. 202. New name for *Nucula simplex* A. Adams, 1856, Proc. Zool. Soc. Lond., 1856, p. 52 (not *Nucula simplex* Deshayes, 1842). Sydney Harbour, N.S.W. Hedley, 1913, Proc. Linn. Soc. N.S.W., 38, p. 263, pl. 16, figs. 4, 5, 6.

PRONUCULA Hedley, 1902, Mem. Aust. Mus., 4, p. 290. O.T. *decorosa* Hedley.

6. *decorosa* Hedley, 1902, Mem. Aust. Mus., 4, p. 290, fig. 39. Off Port Kembla, N.S.W., 63-75 fm. (H.1).

7. *hedleyi* Pritchard and Gatliff, 1904, Proc. Roy. Soc. Vict., 17, (n.s.), p. 237. New name for *Nucula minuta* Tenison-Woods, 1877, Proc. Roy. Soc. Tasm., 1876, p. 106 (not *N. minuta* Owen, 1844) . Tasmania. Hedley, 1902, Mem. Aust. Mus., 4, p. 291, fig. 40 (H.2).

8. *pusilla* Angas, 1877, Proc. Zool. Soc. Lond., 1877, p. 177, pl. 26, fig. 26. Port Jackson, N.S.W. (H.5).

#### *Family* NUCULANIDAE

SCAEOLEDA Iredale, 1929, Rec. Aust. Mus., 17, p. 158. O.T. *crassa* Hinds.

9. *crassa* Hinds, 1843, Proc. Zool. Soc. Lond., 1843, p. 99. South Tasmania. Hanley, 1860, Thes. Conch. (Sowerby), 3, p. 120, pl. 228, fig. 69 (H.7).

10. *caloundra* Iredale, 1929, Mem. Queensl. Mus., 9, p. 262, pl. 30, fig. 17. Caloundra, South Queensland.

11. *dohrni* Hanley, 1861, Proc. Zool. Soc. Lond., 1861, p. 242. Pacific Ocean. Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, p. 185, pl. 35, fig. 14. (Twofold Bay, N.S.W., 15-25 fm.) (H.8).

12. *tragulata* Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, p. 185, pl. 35, fig. 15. Off Green Cape, N.S.W., 50-70 fm.

TERETILEDA Iredale, 1924, Rec. Aust. Mus., 17, p. 158. O.T. *oculata* Iredale.

13. *oculata* Iredale, 1925, Rec. Aust. Mus., 14, p. 250, pl. 42, fig. 9. Off Narrabeen, N.S.W., 75-80 fm.

14. *fortis* Hedley, 1907, Rec. Aust. Mus., 6, p. 362, pl. 66, fig. 23. Off Sydney, N.S.W., 800 fm. (H.9).

MAGALEDA Iredale, 1929, Rec. Aust. Mus., 17, p. 158. O.T. *inopinata* Smith.

15. *inopinata* Smith, 1885, Rep. Sci. Res. Challenger, Zool., 13, p. 236, pl. 19, fig. 9a. Challenger St. 164, off Sydney, N.S.W., 950 fm. (H.10).

COMITILEDA Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, pp. 181, 185. O.T. *miliacea* Hedley.

16. *miliacea* Hedley, 1902, Mem. Aust. Mus., 4, p. 295, fig. 43. Off Port Kembla, N.S.W., 63-75 fm. (H.11).

17. *pala* Hedley, 1907, Rec. Aust. Mus., 6, p. 361, pl. 65, fig. 1. Off Sydney, N.S.W., 800 fm. (H.12).

THESTYLEDA Iredale, 1929, Rec. Aust. Mus., 17, p. 158. O.T. *ramsayi* Smith.

18. *ramsayi* Smith, 1885, Rep. Sci. Res. Challenger, Zool., 13, p. 241, pl. 20, fig. 3. Challenger St. 164, off Sydney, N.S.W., 950 fm. (H.13).

PROPELEDA Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, pp. 181, 186. O.T. *ensicula* Angas.

19. *ensicula* Angas, 1877, Proc. Zool. Soc. Lond., 1877, p. 177, pl. 26, fig. 27. Off Port Jackson, N.S.W., 45 fm. (H.14).

POROLEDA Hutton, 1893, Macleay Mem. Vol. Linn. Soc. N.S.W., p. 86. H.T. *lanceolata* Hutton.

20. *spathula* Hedley, 1915, Proc. Linn. Soc. N.S.W., 39, p. 696, pl. 78, figs. 17, 18. Off Port Kembla, N.S.W., 63-75 fm. (H.15).

OVALEDA, Iredale, 1925, Rec. Aust. Mus., 14, pp. 248, 250. O.T. *tellinaeformis* Hedley.

21. *tellinaeformis* Hedley, 1901 Rec. Aust. Mus., 4, p. 26, fig. 8. Off Sydney, N.S.W., "95" (= 45) fm. (H.16).

### *Order* FILIBRANCHIA

#### *Family* LIMOPSIDAE

PHRYNELIMA Iredale, 1929, Rec. Aust. Mus., 17, p. 160. O.T. *brazieri* Angas.

22. *brazieri* Angas, 1871, Proc. Zool. Soc. Lond., 1871, p. 21, pl. 1, fig. 34. Dredged Port Jackson, N.S.W. (H.18).

ASPALIMA Iredale, 1929, Rec. Aust. Mus., 17, p. 160. O.T. *erecta* Hedley and Petterd.

23. *erecta* Hedley and Petterd, 1916, Rec. Aust. Mus., 6, p. 224, pl. 38, figs. 14, 15. Off Sydney, N.S.W., 250 fm. (H.19).

24. *solator* Iredale, 1931, Rec. Aust. Mus., 18, p. 204. Off Cape Byron, N.S.W., 111 fm. Not figured. Cf. *erecta* Hedley and Petterd.

LORINGELLA Iredale, 1929, Rec. Aust. Mus., 17, p. 160. O.T. *loringi* Angas.

25. *loringi* Angas, 1873, Proc. Zool. Soc. Lond., 1873, p. 183, pl. 20, fig. 6. Off south coast, Queensland (H.20).

VERSIPELLA Iredale, 1931, Rec. Aust. Mus., 18, p. 203. O.T. *soboles* Iredale.

26. *soboles* Iredale, 1931, Rec. Aust. Mus., 18, p. 203. Off Sydney, N.S.W., 300 fm. Not figured. Cf. *tenisoni* Tenison-Woods, 1877, Proc. Roy. Soc. Tas., 1877, p. 56; May, 1923, Illust. Ind. Tas. Shells, pl. 1, fig. 12 (H.21).

SENECTIDENS, Iredale, 1931, Rec. Aust. Mus., 18, p. 204. O.T. *dannevigi* Iredale.

27. *dannevigi* Iredale, 1931, Rec. Aust. Mus., 18, p. 204. Off south coast, N.S.W., 75 fm. Not figured.

GLYCILIMA Iredale, 1931, Rec. Aust. Mus., 18, p. 204. O.T. *paradoxa* Iredale.

28. *paradoxa* Iredale, 1931, Rec. Aust. Mus., 18, p. 204. Off Wollongong, N.S.W., 100 fm. Not figured.

CYRILLONA Iredale, 1929, Rec. Aust. Mus., 17, p. 160. O.T. *dalli* Hedley.

29. *dalli* Hedley, 1902, Mem. Aust. Mus., 4, p. 296, fig. 44. Off Port Kembla, N.S.W., 63-75 fm. (H.22).

AUSTROSAREPTA Hedley, 1899, Proc. Linn. Soc. N.S.W. 24, p. 430. O.T. *picta* Hedley.

30. *picta* Hedley, 1899, Proc. Linn. Soc. N.S.W., 24, p. 430, figs. 1, 2. Sydney Harbour, N.S.W. (H.23).

31. *elliptica* Laseron, 1953, Rec. Aust. Mus., 23, p. 51, figs. 41, 41a. Off Crookhaven, N.S.W., 30-35 fm.

*Family* ARCIDAE

CUCULLAEA Lamarck, 1801, Syst. Anim. s. Vert., p. 116. H.T. *labiata* Solander.

32. *vaga* Iredale, 1936, Rec. Aust. Mus., 19, p. 267, pl. 20, fig. 1. Shoalhaven Bight, N.S.W., 45 fm. (H.17).

ABARBATIA Dall, Bartsch and Rehder, 1938, B.P. Bishop Mus. Bull., 153, p. 29. O.T. *oahua* Dall Bartsch and Rehder.

33. *parvivillosa* Iredale, 1939, Gt. Barrier Reef Exped., Sci. Rep., 5, p. 256, pl. 2, figs. 4, 4a. Capricorn Group, Q'ld.

34. *prolatens* Iredale, 1939, Gt. Barrier Reef Exped., Sci. Rep., 5, p. 257, pl. 2, figs. 5, 5a. Keppel Bay, Q'ld.

35. *corallicola* Iredale, 1939, Gt. Barrier Reef Exped., Sci. Rep., 5, p. 253, pl. 2, figs. 2, 2a. Low Is., Queensland.

36. *pistachia* Lamarck, 1819, Hist. Anim. s. Vert., 6, (1), p. 41, King I., Bass Strait (= *fasciata* Reeve, 1844, Conch. Icon., 2, *Arca,* pl. 15, fig. 99. No loc.) (H.26).

37. *separata* Iredale, 1925, Rec. Aust. Mus., 14, p. 249. Off Narrabeen, N.S.W., 75-80 fm. Not figured. Cf. *pistachia* Lamarck.

ACAR Gray, 1857, Ann Mag. Nat. Hist., (2), 19, p. 267. L.T. (Stoliczka, 1871, Palaeont. Indica, 3, p. xxxi) *divaricata* Sowerby.

38. *botanica* Hedley, 1917, Proc. Linn. Soc. N.S.W., 41, p. 680, pl. 51, figs. 33-35. Port Jackson, N.S.W. (H.25).

ANADARA Gray, 1847, Proc. Zool. Soc. Lond., 1847, p. 198. O.T. *antiquata* Linne.

39. *trapezia* Deshayes, 1839, Revue Zool. Soc. Cuv., 2, p. 358. "Mexico" (= Sydney, N.S.W.). Cf. Hedley, 1904 Proc. Linn. Soc. N.S.W., 29, p. 203, pl. 9, figs. 29-34 *(lischkei,* not of Dunker, 1868) (H.30).

TEGILLARCA Iredale, 1939, Gt. Barrier Reef Exped., Sci. Rep., 5, p. 281. O.T. *bessalis* Iredale.

40. *thackwayi* Iredale, 1927, Aust. Zool., 4, p. 332, pl. 46, fig. 45. Maroubra, near Sydney, N.S.W.

GABINARCA Iredale, 1939, Gt. Barrier Reef Exped., Sci. Rep., 5, p. 285. O.T. *pellita* Iredale.

41. *pellita* Iredale, 1939, Gt. Barrier Reef Exped., Sci. Rep., 5, p. 285, pl. 3, figs. 18, 18a. Low Is., Queensland (H.24).

DESTACAR Iredale, 1936, Rec. Aust. Mus., 19, pp. 268, 334. O.T. *metella* Hedley.

42. *metella* Hedley, 1917, Proc. Linn. Soc. N.S.W., 41, p. 681, pl. 51, figs. 36, 37. Off Wollongong, N.S.W., 100 fm. (H.28).

SAMACAR Iredale, 1936, Rec. Aust. Mus., 19, p. 268. O.T. *strabo* Hedley.

43. *strabo* Hedley, 1915, Proc. Linn. Soc. N.S.W., 39, p. 697, pl. 78, figs. 19, 20. Off Port Macquarie, N.S.W., 100 fm. (H.29).

MICROCUCULLAEA Iredale, 1929, Rec. Aust. Mus., 17, p. 159. O.T. *perversidens* Hedley.

44. *perversidens* Hedley, 1902, Mem. Aust. Mus., 4, p. 298, fig. 45. Off Port Kembla, N.S.W., 63-75 fm. (H.31).

ARCA Linne, 1758, Syst. Nat., ed. 10, p. 693, T.N.C. *noae* Linne.

45. *ventricosa* Lamarck, 1819, Hist. Anim. s. Vert., 6, (1), p. 38. Amboina. Rumph, 1741, Amboin. Rariteitk., pl. 44, fig. L. Iredale, 1939, Gt. Barrier Reef Exped., Sci. Rep., 5, p. 294, pl. 6, figs. 6, 6a. (Low Is., Queensland) (H.27).

*Family* GLYCYMERIDAE

VELETUCETA Iredale, 1931, Rec. Aust. Mus., 18, p. 203. O.T. *flammea* Reeve.

46. *holoserica* Reeve, 1843, Conch. Icon., 4, *Pectunculus*, pl. 4, sp. & fig. 18. Sydney, N.S.W. (H.32).

47. *thackwayi* Iredale, 1931, Rec. Aust. Mus., 18, p. 203. Northern N.S.W. Not figured. Cf. *crebriliratus* Sowerby, 1889, J. Linn. Soc. Lond., Zool., 20, p. 399, pl. 25, fig. 20.

48. *fossa* Iredale, 1931, Rec. Aust. Mus., 18, p. 203. Twofold Bay, N.S.W. Not figured. Cf. *tenuicostatus* Reeve, 1843, Conch. Icon., 1, *Pectunculus*, pl. 6, fig. 35 (H.34).

49. *flammea* Reeve, 1843, Conch Icon., 1, *Pectunculus*, pl. 2, fig. 7. Sydney, N.S.W. (H.32A).

50. *radians* Lamarck, 1819, Hist. Anim. s. Vert., 6, (1), p. 54. South Australia. May, 1923, Illust. Index Tasm. Shells, pl. 2, fig. 7.

51. *striatularis suspecta* Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, pp. 181, 189, pl. 35, fig. 3. Twofold Bay, N.S.W.

TUCETONA Iredale, 1931, Rec. Aust. Mus., 18, p. 202. O.T. *flabellata* Tenison-Woods.

52. *flabellata* Tenison-Woods, 1878, Proc. Roy. Soc. Vict., 14, 1877, p. 61. Victoria. May, 1923, Illust. Index. Tasm. Shells, pl. 2, fig. 6.

GRANDAXINAEA Iredale, 1931, Rec. Aust. Mus., 18, p. 202. O.T. *magnificens* Iredale.

53. *gealei* Angas, 1873, Proc. Zool. Soc. Lond., 1873, p. 183, pl. 20, fig. 5. Dredged off Port Macquarie, N.S.W. (H.33).

54. *magnificens* Iredale, 1929 Rec. Aust. Mus., 17, p. 161, pl. 38, figs. 1, 2. Off Montagu I., N.S.W., 50-60 fm.

*Family* HOCHSTETTERIIDAE

CRATIS Hedley, 1915, Proc. Linn. Soc. N.S.W., 39, p. 698. O.T. *progressa* Hedley.

55. *progressa* Hedley, 1915, Proc. Linn. Soc. N.S.W., 39, p. 698, pl. 78, figs. 21-23. Off Port Macquarie, N.S.W., 100 fm. (H.35).

COSA Finlay, 1926, Trans. New Zeal. Inst., 57, p. 449. O.T. *costata* Bernard.

56. *inornata* Hedley, 1904, Proc. Linn. Soc. N.S.W., 29, p. 207, pl. 10, figs. 40-43. Off Wollongong, N.S.W., 100 fm. (H.36).

57. *parallelogramma* Hedley, 1906, Proc. Linn. Soc. N.S.W., 30, p. 544, pl. 32, figs. 14-16. Manly, N.S.W. (H.37).

58. *pectinata* Hedley, 1902, Mem. Aust. Mus., 4, p. 299, fig. 46. Off Cape Three Points, N.S.W., 41-50 fm. (H.38).

59. *sagana* Iredale, 1931, Rec. Aust. Mus., 18, p. 204. Off Wollongong, N.S.W., 100 fm. Not figured. Cf. *auriculata* Laseron, 1953.

60. *tatei* Hedley, 1901, Rec. Aust. Mus., 4, p. 24, fig. 6. Off Port Stephens, N.S.W., 35 fm. (H.39).

61. *pharetra* Iredale, 1931, Rec. Aust. Mus., 18, p. 204. Off Wollongong, N.S.W., 100 fm. Not figured.

62. *stephensensis* Laseron, 1953, Rec. Aust. Mus., 23, p. 50, figs. 39, 39a. Port Stephens, N.S.W.

63. *auriculata* Laseron, 1953, Rec. Aust. Mus., 23, p. 50, figs. 40, 40a. Off Crookhaven, N.S.W., 30-35 fm.

NOTOMYTILUS Hedley, 1916, Aust. Antarc. Exped., Moll., p. 20. O.T. *ruber* Hedley.

64. *ruber* Hedley, 1904, Proc. Linn. Soc. N.S.W., 29, p. 207, pl. 10, figs. 44-47. South Tasmania (H.41).

ADACNARCA Pelseneer, 1903, Voy. Belgica, Moll., p. 24. O.T. *nitens* Pelseneer.

65. *squamea* Hedley, 1905, Rec. Aust. Mus., 6, p. 45, fig. 9. Off Cape Byron, north N.S.W., 111 fm. (H.42).

*Order* PALAEOLAMELLIBRANCHIA

*Family* TRIGONIIDAE

[Ref.:—McMichael, 1956, Aust. Mus. Mag., 12, pp. 82-84, text figs.]

NEOTRIGONIA Cossmann, 1912, Ann. Paleont., 7, p. 81. H.T. *margaritacea* Lamarck.

66. *margaritacea* Lamarck, 1804, Ann. Mus. Hist. Nat. Paris, 4, p. 355, pl. 67, fig. 2. South Tasmania (= *antarctica* Peron, 1807 = *pectinata* Lamarck, 1819) (H.56).

67. *lamarckii* Gray, 1838, Ann. Nat. Hist., (1), p. 482. Port Jackson, N.S.W. Chenu, 1845, Illust. Conch., *Trigonia*, pl. 1 (H.56b).

68. *strangei* A. Adams, 1854, Proc. Zool. Soc. Lond., 1852, p. 91, pl. 16, fig. 3. Sydney Harbour, N.S.W. (H.57).

69. *gemma* Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, p. 193, pl. 33, figs. 1, 2, pl. 35, fig. 1. Off Green Cape, N.S.W., 50-70 fm. (H.56a).

*Order* PSEUDOLAMELLIBRANCHIA

*Suborder* PINNIFORMES

*Family* PINNIDAE

QUANTULOPINNA Iredale, 1939, Gt. Barrier Reef Exped., Sci. Rep. 5, pp. 308, 310. O.T. *delsa* Iredale.

70. *delsa* Iredale, 1939, Gt. Barrier Reef Exped., Sci. Rep., 5, p. 311, pl. 4, fig. 16. Low Is., Queensland.

SUBITOPINNA Iredale, 1939, Gt. Barrier Reef Exped., Sci. Rep., 5, pp. 308, 312. O.T. *menkei* Reeve.

71. *menkei* Reeve, 1858, Conch. Icon., 11, *Pinna,* pl. 18, fig. 34 (ex Hanley MS.) Port Jackson, N.S.W. (H.43).

ATRINA Gray, 1847, Proc. Zool. Soc. Lond., 1847, p. 199. O.T. *nigra* Dillwyn.

72. *gouldii banksiana* Iredale, 1939, Gt. Barrier Reef Exped., Sci. Rep., 5, p. 316, pl. 4, fig. 18. Low Is., Queensland. Iredale, 1936, Rec. Aust. Mus., 19, p. 268 (*vexillum,* not of Born, 1780). (Ballina, N.S.W.)

73. *tasmanica* Tenison-Woods, 1876, Proc. Roy. Soc. Tasm., 1875, p. 168. North Tasmania. Hedley, 1924, Rec. Aust. Mus., 14, p. 152, pl. 20, fig. 13. (Shoalhaven Bight and Norah Head, N.S.W.)

SERVATRINA Iredale, 1939, Gt. Barrier Reef Exped., Sci. Rep., 5, pp. 309, 317. O.T. *assimilis* Reeve.

74. *strangei* Reeve, 1858, Conch. Icon., 11, *Pinna,* pl. 27, fig. 52. Moreton Bay, Queensland. Hedley, 1924, Rec. Aust. Mus., 14, p. 152, pl. 20, fig. 10. (Off Norah Head, N.S.W.)

75. *serra* Reeve, 1858, Conch. Icon., 11, *Pinna,* pl. 23, fig. 43. Moreton Bay, Queensland.

STREPTOPINNA Martens, 1886, Beitr. Meeres. f. Maurit. (Mobius), p. 318. H.T. *saccata* Linne.

76. *saccata inusitata* Iredale, 1927, Aust. Zool., 4, p. 333, pl. 46, figs. 9-11. Michaelmas Cay, Queensland. Iredale, 1931, Rec. Aust. Mus., 18, p. 204. (Trial Bay, N.S.W.)

*Suborder* AVICULIFORMES

*Family* ISOGNOMONTIDAE

ISOGNOMON Solander, 1786, Cat. Portland Mus., pp. 9, 41. T.T. *isognomum* Linne.

77. *isognomum* Linne, 1758, Syst. Nat., 10 ed., p. 699. Amboina. Rumph, 1741, Amboin. Rariteitk., pl. 47, fig 1. Allan, 1950, Aust. Shells, p. 259, pl. 30, fig. 17.

ANISOPERNA Iredale, 1939, Gt. Barrier Reef Exped., Sci. Rep., 5, p. 322. O.T. *australica* Reeve.

78. *australica* Reeve, 1858, Conch. Icon., 11, *Perna,* pl. 3, fig. 12. Moreton Bay, Queensland (= *anomioides* Reeve, 1858, Conch. Icon., 11, *Perna,* pl. 3, fig. 11. Torres Strait).

MELINA Retzius, 1788, Diss. Hist. Nat. Nov. Test. Gen., p. 22. L.T. (Gray, 1847, Proc. Zool. Soc. Lond. 1847, p. 20) *ephippium* Linne.

79. *ephippium* Linne, 1758, Syst. Nat. 10th ed., p. 700. Amboina. Rumph, 1741, Amboin. Rariteitk., pl. 47, fig. B (= *cumingii* Reeve, 1858, Conch. Icon., 11, *Perna,* pl. 1, fig. 3). Allan, 1950, Aust. Shells, p. 259, text fig. 63, fig. 1 (H.44).

FORAMELINA Hedley, 1914, Biol. Results Endeavour, 2, p. 70. O.T. *exempla* Hedley.

80. *exempla* Hedley, 1914, Biol. Results Endeavour, 2, p. 70, pl. 11, 12, figs. 6-8. Off Gabo I., Victoria, 100-290 fm. (H.45).

*Family* PTERIIDAE

AUSTROPTERIA Iredale, 1931, Rec. Aust. Mus., 18, p. 205. O.T. *saltata* Iredale.

81. *saltata* Iredale, 1931, Rec. Aust. Mus., 18, p. 205. Reeve, 1857, Conch. Icon., 10, *Avicula,* pl. 16, fig. 67. Port Jackson, N.S.W. (*heteroptera,* not of Lamarck 1819) (H.46).

82. *maura* Reeve, 1857, Conch. Icon., 10, *Avicula,* pl. 17, fig. 72. Sydney, N.S.W. (H.47).

83. *scalpta* Reeve, 1857, Conch. Icon., 10, *Avicula,* pl. 11, fig. 38. Sydney, N.S.W.

PTERELECTROMA Iredale, 1939, Gt. Barrier Reef Exped., Sci. Rep., 5, p. 332. O.T. *zebra* Reeve.

84. *zebra* Reeve, 1859, Conch. Icon., 10, *Avicula,* pl. 11, fig. 36. Moreton Bay, Queensland (H.48).

PINCTADA Bolten-Roding, 1798, Mus. Bolten, pt. 2, p. 166. L.T. (Iredale, 1915, Proc. Malacol. Soc., 11, p. 305) *margaritifera* Linne.

85. *perviridis* Reeve, 1857, Conch. Icon., 10, *Avicula,* pl. 8, fig. 20. Moreton Bay, Queensland (H.49).

86. *panasesae* Jameson, 1907, Proc. Zool. Soc. Lond., 1907, p. 390, fig. in text. South-east New Guinea.

87. *perrutila* Iredale, 1939, Gt. Barrier Reef Exped., Sci. Rep., 5, p. 337, pl. 5, fig. 15. Capricorn Group, Q'ld.

88. *epitheca* Iredale, 1939, Gt. Barrier Reef Exped., Sci. Rep., 5, p. 336, pl. 5, figs. 14, 14c. Townsville, Queensland.

89. *sugillata* Reeve, 1857, Conch. Icon., 10, *Avicula,* pl. 9, fig. 27. Cape Hillsborough, mid-Queensland.

90. *reeveana* Dunker, 1872, Conch. Cab. (cont.), Bd. 7, Abth. 3, p. 45. New name for *Avicula fimbriata* Reeve, 1857, Conch. Icon., 10, *Avicula,* pl. 9, fig. 25 (not *A. fimbriata* Dunker, 1852). N.W. Aust.

91. *aerata* Reeve, 1857, Conch. Icon., 10, *Avicula,* pl. 10, fig. 32. Queensland.

*Family* VULSELLIDAE

MALLEUS Lamarck, 1799, Mem. Soc. Hist. Nat. Paris, p. 32. H.T. *malleus* Linne.

92. *novelesianus* Iredale, 1931, Rec. Aust. Mus., 18, p. 205. Broken Bay, N.S.W. Allan, 1950, Aust. Shells, p. 258, pl. 30, fig. 10 (H.50).

PARIMALLEUS Iredale, 1931, Rec. Aust. Mus., 18, p. 205. O.T. *cursator* Iredale.

93. *cursator* Iredale, 1931, Rec. Aust. Mus., 18, p. 205. Sydney, N.S.W. Allan, 1950, Aust. Shells, p. 259, fig. 6 (H.51).

Vulsella Bolten-Roding, 1798, Mus. Bolten, pt. 2, p. 156. T.T. *vulsella* Linne.

94. *spongiarum* Lamarck, 1819, Hist. Anim. s. Vert., 6, (1), p. 222. Tasmania (Fig. reference below.) (H.52).

95. *ovata* Lamarck, 1819, Hist. Anim. s. Vert., 6, (1), p. 222. South Australia. Smith, 1911, Proc. Malacol. Soc., 9, pp. 306-312, pl. 11 (both types figured).

*Order* PECTINIFORMES

*Family* PECTINIDAE

Mimachlamys Iredale, 1929, Rec. Aust. Mus., 17, p. 162. O.T. *asperrima* Lamarck.

96. *asperrima* Lamarck, 1819, Hist. Anim. s. Vert., 6, (1), p. 174. South Tasmania. Delessert, 1841, Rec. Coq. Lamarck, pl. 15, fig. 1 (H.61).

97. *blanda* Reeve, 1853, Conch. Icon., 8, *Pecten*, pl. 34, fig. 162. Port Jackson, N.S.W. (H.63).

98. *aktinos* Petterd, 1887, Proc. Roy. Soc. Tasm., 1886, p. 329. North-west Tasmania (= *bednalli* Hedley, 1900, Proc. Linn. Soc. N.S.W., 25, p. 495, pl. 25, figs. 10-13. Port Jackson, N.S.W.) (H.59).

99. *famigerator* Iredale, 1925, Rec. Aust. Mus., 14, p. 252, pl. 12, figs. 1, 2. Off Green Cape, N.S.W., 50-70 fm. (H.60).

Scaeochlamys Iredale, 1929, Rec. Aust. Mus., 17, p. 162. O.T. *livida* Lamarck.

100. *peroniana* Iredale, 1939, Gt. Barrier Reef Exped., Sci. Rep., 5, p. 355. Sydney Harbour, N.S.W. Allan, 1950, Aust. Shells, p. 280, pl. 37, fig. 9 (H.66).

Notochlamys Cotton, 1930, Rec. South Aust. Mus., 4, p. 233. H.T. *anguinea* Finlay.

101. *anguinea* Finlay, 1927, Trans. New Zeal. Inst., 57, p. 527. New name for *Pecten undulatus* Sowerby, 1842, Thes. Conch., I, p. 60, pl. 19, figs. 206-207 (not *P. undulatus* Nilsson, 1827). No loc. = Western Australia. (Cotton and Godfrey). Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, p. 194. (Two-fold Bay, N.S.W.)

Equichlamys Iredale, 1929, Rec. Aust. Mus., 17, p. 162. O.T. *bifrons* Lamarck.

102. *bifrons* Lamarck, 1819, Hist. Anim. s. Vert., 6, (1), p. 164. South Australia. Delessert, 1841, Rec. Coq. Lamarck, pl. 15, fig. 5 (H.62).

Mesopeplum Iredale, 1929, Rec. Aust. Mus., 17, p. 162. O.T. *caroli* Iredale.

103. *caroli* Iredale, 1929, Rec. Aust. Mus., 17, p. 162, pl. 38, figs. 7-9. Off N.S.W. coast, 40-80 fm.

104. *fenestratum* Hedley, 1901, Proc. Linn. Soc. N.S.W., 25, p. 730, pl. 48, figs. 17-19. Port Jackson, N.S.W. (= *hedleyi* Dautzenberg, 1901, J. de Conch., 49, p. 348). (H.65).

Decatopecten Sowerby, 1839, Conch. Man., 1st ed., p. 37. H.T. *plica* Linne.

105. *strangei* Reeve, 1852, Conch. Icon. 8, *Pecten*, pl. 4, fig. 22. Moreton Bay, Queensland. Iredale, 1936, Rec. Aust. Mus., 19, p. 269, pl. 20, fig. 2. (Sydney Harbour, N.S.W.)

Notovola Finlay, 1927, Trans. New Zeal. Inst., 57, p. 451. H.T. *novaezealandiae* Reeve.

106. *fumata* Reeve, 1852, Conch. Icon., 8, *Pecten*, pl. 9, fig. 32. Sydney Harbour, N.S.W. (H.58).

107. ? *byronensis* Fleming, 1955, Aust. Zool., 12, p. 108, text fig. 1. Byron Bay, N.S.W.

108. *meridionalis* Tate, 1887, Proc. Roy. Soc. Tasm., 1886, p. 115. Tasmania. May, 1903, Illus. Index Tasm. Shells, pl. 3, fig. 5.

*Family* AMUSIIDAE

Amusium Bolten-Roding, 1798, Mus. Bolten, pt. 2, p. 165. T.T. *pleuronectes* Linne.

109. *balloti* Bernardi, 1861, J. de Conch., 9, p. 46, pl. 1, fig. 1. New Caledonia. Angas, 1877, Proc. Zool. Soc. Lond., 1877, p. 193. (Port Jackson, N.S.W.) (H.67).

Ctenamusium Iredale, 1929, Rec. Aust. Mus., 17, p. 164. O.T. *thetidis* Hedley.

110. *salacon* Iredale, 1929, Rec. Aust. Mus., 17, p. 164. Off Sydney, N.S.W., 250-300 fm. Hedley and Petterd, 1906, Rec. Aust. Mus., 6, pl. 38, figs. 18, 19.

111. *thetidis* Hedley, 1902, Mem. Aust. Mus., 4, p. 304, fig. 49. Off Port Kembla, N.S.W., 63-75 fm. (H.68).

Chlamydella Iredale, 1929, Rec. Aust. Mus., 17, p. 164. O.T. *fava* Hedley.

112. *favus* Hedley, 1902, Mem. Aust. Mus., 4, p. 305, fig. 50. Off Port Kembla, N.S.W., 63-75 fm. (H.69).

113. *obliqua* Hedley, 1902, Mem. Aust. Mus., 4, p. 306, fig. 51. Off Cape Three Points, N.S.W., 41-50 fm. (H.70).

*Family* SPONDYLIDAE

Spondylus Linne, 1758, Syst. Nat., 10 ed., p. 690. L.T. (Anton, 1839, Verz. Conch., p. 19) *gaederopus* Linne.

114. *tenellus* Reeve, 1856, Conch. Icon., 9, *Spondylus*, pl. 18, fig. 67. Port Jackson, N.S.W. (H.71).

115. *regillus* Iredale, 1929, Rec. Aust. Mus., 17, p. 165, pl. 38, figs. 3-5. Off Montagu I., N.S.W., 50-60 fm.

116. *prionifer* Iredale, 1931, Rec. Aust. Mus., 18, p. 205, pl. 24, fig. 1. Sydney Harbour, N.S.W.

117. *parocellatus* Iredale, 1939, Gt. Barrier Reef Exped., Sci. Rep., 5, p. 376. Lindeman I., Q'ld. Not figured. Cf. *ocellatus* Reeve, 1856, Conch. Icon., 9, *Spondylus*, pl. 12, fig. 43.

*Family* PLICATULIDAE

PLICATULA Lamarck, 1801, Syst. Anim. s. Vert., p. 132. H.T. *gibbosa* Lamarck.

118. *essingtonensis elusa* Iredale, 1931, Rec. Aust. Mus., 18, p. 206, pl. 25, figs. 5-6. Sydney Harbour, N.S.W. (H.72).

*Family* LIMIDAE

AUSTROLIMA Iredale, 1929, Rec. Aust. Mus., 17, p. 165. O.T. *nimbifer* Iredale.

119. *nimbifer* Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, p. 195, pl. 34, figs. 1-4. Twofold Bay, N.S.W. (H.77).

120. *benthonimbifer Iredale*, 1925, Rec. Aust. Mus., 14, p. 250. Off Narrabeen, N.S.W., 75-80 fm. Hedley, 1904, Proc. Linn. Soc. N.S.W., 28, p. 201, pl. 9, fig. 28 *(bassi,* not of Tenison-Woods 1876) (H.76).

PROMANTELLUM Iredale, 1939, Gt. Barrier Reef Exped., Sci. Rep., 5, p. 385. O.T. *parafragile* Iredale.

121. *vigens* Iredale, 1939, Gt. Barrier Reef Exped., Sci. Rep., 5, p. 387, pl. 6, figs. 7-7a. Low Is., Queensland (H.74, 78).

122. *parafragile* Iredale, 1939, Gt. Barrier Reef Exped., Sci. Rep., 5, p. 386, pl. 6, figs. 10, 10a. Low Is., Queensland.

123. *sydneyense* Hedley, 1904, Proc. Linn. Soc. N.S.W., 29, p. 200. New name for *Lima brunnea* Hedley, 1901, Proc. Linn. Soc. N.S.W., 26, p. 21, pl. 2, figs. 7-9 (not *Lima brunnea* Cooke, 1886). Port Jackson, N.S.W. (H.80).

STABILIMA Iredale, 1939, Gt. Barrier Reef Exped., Sci. Rep., 5, p. 390. O.T. *tadena* Iredale.

124. *strangei* Sowerby, 1872, Conch. Icon. (Reeve), 18, *Lima,* pl. 3, fig. 15. Moreton Bay, Queensland (H.79).

125. *jacksonensis* Thiele, 1920, Conch. Cab. (cont.), 7, Abt. 2a, p. 51, pl. 9, fig. 26. Port Jackson, N.S.W.

ESCALIMA Iredale, 1929, Rec. Aust. Mus., 17, p. 165. O.T. *acclinis* Hedley.

126. *acclinis* Hedley, 1905, Rec. Aust. Mus., 6, p. 46, fig. 10. Off Cape Byron, north N.S.W., 111 fm. (H.81).

*Suborder* DIMYIFORMES

*Family* DIMYIDAE

DIMYARINA Iredale, 1936, Rec. Aust. Mus., 19, p. 269. O.T. *corrugata* Hedley.

127. *corrugata* Hedley, 1902, Mem. Aust. Mus., 4, p. 308, fig. 52. Off Port Kembla, N.S.W., 63-75 fm. (H.73).

*Suborder* OSTREIFORMES

*Family* OSTREIDAE

OSTREA Linne, 1758, Syst. Nat., 10 ed., p. 696. L.T. (Gray, 1847, Proc. Zool. Soc. Lond., 1847, p. 201) *edulis* Linne.

128. *angasi* Sowerby, 1871, Conch. Icon. (Reeve), 18, *Ostrea,* pl. 13, fig. 27. Port Jackson, N.S.W. (H.53).

129. *bresia* Iredale, 1939, Gt. Barrier Reef Exped., Sci. Rep., 5, p. 396, pl. 7, fig. 4. Mackay, Queensland. Woolacott, 1957, Proc. Roy. Zool. Soc. N.S.W., 1955-6, p. 114, figs. 11-12. (Kurnell, N.S.W.)

130. *procles* Iredale, 1939, Gt. Barrier Reef Exped., Sci. Rep., 5, p. 396, pl. 7, fig. 2. Low Is., Queensland.

131. *nomades* Iredale, 1939, Gt. Barrier Reef Exped., Sci. Rep., 5, p. 395, pl. 7, figs. 1a, b. Stradbroke Is., Queensland.

132. *virescens* Angas, 1868, Proc. Zool. Soc. Lond., 1867, p. 911, pl. 44, fig. 13. Port Jackson, N.S.W. (H.55).

SAXOSTREA Iredale, 1936, Rec. Aust. Mus., 19, p. 269. H.T. *commercialis* Iredale and Roughley.

133. *commercialis* Iredale and Roughley, 1933, Proc. Linn. Soc. N.S.W., 58, p. 278. Port Jackson, N.S.W. Roughley, 1933, Proc. Linn. Soc. N.S.W., 58, pp. 279-333, pls. 10-27, 2 text figs. (H.54).

134. *amasa* Iredale, 1939, Gt. Barrier Reef Exped., Sci. Rep., 5, p. 399, pl. 7, fig. 8. Caloundra, South Queensland.

LOPHA Bolten-Roding, 1798, Mus. Bolten, pt. 2, p. 168. L.T. (Dall. 1896, Trans. Wagner Free Inst., 3, p. 672) *cristagalli* Linne.

135. *hyotis notina* Iredale, 1936, Rec. Aust. Mus., 19, p. 269, pl. 20, fig. 2. Sydney Harbour, N.S.W.

*Order* PARAFILIBRANCHIA

*Family* ANOMIIDAE

MONIA Gray, 1850, Proc. Zool. Soc. Lond., 1849, p. 121. L.T. (Kobelt, 1881, Illust. Conch., pt. 11, p. 376) *zelandica* Gray.

136. *ione* Gray, 1850, Proc. Zool. Soc. Lond., 1849, p. 123. Sydney, N.S.W. Reeve, 1859, Conch. Icon., 11, *Placunanomia,* pl. 2, fig. 6 (H.82).

137. *deliciosa* Iredale, 1936, Rec. Aust. Mus., 19, p. 269, pl. 20, figs. 7, 7a. Off Cape Everard, Vic., 75 fm.

ANOMIA Linne, 1758, Syst. Nat., 10 ed., p. 700. L.T. (Gray, 1847, Proc. Zool. Soc. Lond., 1847, p. 201) *ephippium* Linne.

138. *descripta* Iredale, 1936, Rec. Aust. Mus., 19,

p. 270, pl. 20, fig. 6. Sydney Harbour, N.S.W. (H.83).

Patro Gray, 1850, Proc. Zool. Soc. Lond., 1849, p. 118. H.T. *elyros* Gray (= *australis* Gray).

139. *australis* Gray, 1847, Narr. Voy. "Fly", 2, App. p. 362. Port Essington, N.A. (= *elyros* Gray, 1850, Proc. Zool. Soc. Lond., 1849, p. 118, Moll., pl. 4, figs. 1, 2. Port Essington, N.A.).

*Order* ISOFILIBRANCHIA

*Family* MYTILIDAE

[Ref.:—Laseron, 1956, Aust. Zool., 12, pp. 263-283, figs. 1-54.]

Mytilus Linne, 1758, Syst. Nat., 10 ed., p. 704, L.T. (Gray, 1847, Proc. Zool. Soc. Lond., 1847, p. 198) *edulis* Linne.

140. *obscurus* Dunker, 1857, Proc. Zool. Soc. Lond., 1856, p. 360. Sydney, N.S.W. Reeve, 1857, Conch. Icon., 10, *Mytilus,* pl. 8, fig. 30. Laseron, 1956, loc. cit., p. 264, figs. 1-3 (*planulatus,* not of Lamarck, 1822) (H.84).

Austromytilus Laseron, 1956, Aust. Zool., 12, p. 265. O.T. *rostratus* Dunker.

141. *rostratus* Dunker, 1857, Proc. Zool. Soc. Lond., 1856, p. 358. Tasmania. Reeve, 1857, Conch. Icon., 10, *Mytilus,* pl. 5, fig. 15. Laseron, 1956, loc. cit., p. 265, figs. 4, 5.

Septifer Recluz, 1848, Rev. Zool. Soc. Cuv., 1848, p. 275. O.T. *bilocularis* Linne.

142. *australis* Laseron, 1956, Aust. Zool., 12, p. 266, figs. 6, 7. Long Reef, near Sydney, N.S.W., 14 fm. (H.101).

Trichomya Ihering, 1900, Proc. Malacol. Soc., 4, p. 87. O.T. *hirsuta* Lamarck.

143. *hirsuta* Lamarck, 1819, Hist. Anim. s. Vert., 6, pt. 1, p. 120. South Australia. Reeve, 1857, Conch. Icon., 10, *Mytilus,* pl. 3, fig. 8. Laseron, 1956, loc. cit., p. 267, figs. 8-10. (Port Jackson, N.S.W.) (H.85).

Musculus Bolten-Roding, 1798, Mus. Bolten, pt. 2, p. 156. L.T. (Dall, 1915, Nautilus 28, p. 138) *discors* Linne.

144. *cumingianus* Reeve, 1857, Conch. Icon., 10, *Mytilus,* pl. 9, fig. 50. Moreton Bay, Queensland. Iredale, 1936, Rec. Aust. Mus., 19, p. 270, pl. 21, fig. 1. Sydney, N.S.W. Laseron, 1956, loc. cit., p. 267, fig. 11 (H.93).

145. *ulmus* Iredale, 1936, Rec. Aust. Mus., 19, p. 271, pl. 21. fig. 10. Sydney, N.S.W. Laseron, 1956, loc. cit., p. 268, fig. 12 (H.94).

146. *alganus* Laseron, 1956, Aust. Zool., 12, p. 268, figs. 13, 14. Yamba, north N.S.W.

147. *varicosus* Gould, 1861, Proc. Boston Soc. Nat. Hist., 8, p. 37. Sydney, N.S.W. Smith, 1884, Rep. Zool. Coll. Alert, p. 109, pl. 7, fig. M. Laseron, 1956, loc. cit., p. 268, fig. 15 (H.99).

Trichomusculus Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, p. 196. O.T. *barbatus* Reeve.

148. *barbatus* Reeve, 1858, Conch. Icon., 10, *Lithodomus,* pl. 5, fig. 27. Sydney, N.S.W., 6 fm. (= *Modiolaria barbata* Angas, 1867, Proc. Zool. Soc. Lond., 1867, p. 911, pl. 44, fig. 12. Botany Bay, N.S.W.). Laseron, 1956, loc. cit., p. 269, figs. 16-18 (H.92).

149. *splendidus* Dunker, 1857, Proc. Zool. Soc. Lond., 1856, p. 365. "California" (error = Sydney, N.S.W.). Reeve, 1858, Conch. Icon., 10, *Lithodomus,* pl. 5, fig. 21. Sydney. Hedley, 1902, Proc. Linn. Soc. N.S.W., 26, p. 706, pl. 34, fig. 1. Laseron, 1956, loc. cit., p. 269, figs. 19-21 (H.97).

Modiolus Lamarck, 1799, Mem. Soc. Nat. Hist. Paris, p. 87. H.T. *modiolus* Linne.

150. *peronianus* Laseron, 1956, Aust. Zool., 12, p. 269, figs. 22-24. Port Hacking, N.S.W.

151. *cottoni* Laseron, 1956, Aust. Zool., 12, p. 270, figs. 25-28. Off Twofold Bay, N.S.W., 30-50 fm.

152. *agripeta* Iredale, 1939, Gt. Barrier Reef Exped., Sci. Rep., 5, p. 412, pl. 6, fig. 21. Low Is., Queensland. Laseron, 1956, loc. cit., p. 271, figs. 29, 30. (Woolgoolga, N.S.W.)

153. *victoriae* Pritchard and Gatliff, 1903, Proc. Roy. Soc. Vic., 16, (n.s.), p. 93, pl. 15, figs. 1, 2. Western Port, Victoria. Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, p. 197. (Twofold Bay, N.S.W.) Laseron, 1956, loc. cit., p. 271, figs. 31, 32.

154. *delinificus* Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, p. 196, (based on) May, 1923, Illus. Index. Tasm. Shells, pl. 4, fig. 6. Tasmania. Laseron, 1956, loc. cit., p. 271, figs. 33, 35. (Brush Island, Bateman's Bay, N.S.W.) (H.86).

155. *pulex* Lamarck, 1819, Hist. Anim. s. Vert., 6, pt. 1, p. 112. King George's Sound, south-west Australia. Hedley, 1915, Proc. Linn. Soc. N.S.W., 39, p. 698, pl. 79, fig. 24 (South-east Tasmania.)

156. *confusus* Angas, 1871, Proc. Zool. Soc. Lond., 1871, p. 21, pl. 1, fig. 33. Lane Cove River, Port Jackson, N.S.W. Laseron, 1956, Aust. Zool., p. 272, figs. 36, 38. New South Wales (*pulex,* not of Lamarck, 1819) (H. 89).

157. *lineus* Hedley, 1906, Rec. Aust. Mus., 6, p. 300, pl. 56, figs. 23-25. Off Narrabeen, N.S.W., 80 fm. Laseron, 1956, loc. cit., p. 273, figs. 42-43 (under *Amygdalum,* position doubtful) (H.91).

Amygdalum Megerle-Muhlfeldt, 1811, Ges. Nat. Fr. Berlin Mag., 5, p. 69. H.T. *dendriticum* Megerle-Muhlfeldt.

158. *beddomei* Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, p. 197, pl. 35, fig. 21. Twofold Bay, dredged, N.S.W. Laseron, 1956, loc. cit., p. 272, figs. 39-41 (H.87).

159. *glaberrimum* Dunker, 1857, Proc. Zool. Soc. Lond., 1856, p. 363. Sydney, N.S.W. Reeve, 1857,

Conch. Icon., 10, *Modiola,* pl. 8, fig. 48. Laseron, 1956, loc. cit., p. 273, figs. 44-45 (H.90).

LITHOPHAGA Bolten-Roding, 1798, Mus. Bolten, pt. 2, p. 156. T.T. *lithophaga* Linne.

160. *calcifer* Iredale, 1939, Gt. Barrier Reef Exped., Sci. Rep., 5, p. 420, pl. 6, fig. 28. Low Is., Queensland. Woolacott, 1955, Proc. Roy. Zool. Soc. N.S.W., 1953-4, p. 99, pl. 2, fig. 4. (Woolgoolga, N.S.W.)

161. *obesa suspecta* Iredale, 1939, Gt. Barrier Reef Exped., Sci. Rep., 5, p. 421, pl. 6, fig. 30. Low Is., Queensland.

FLUVIOLANATUS Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, p. 196. O.T. *subtortus* Dunker.

162. *amarus* Laseron, 1956, Aust. Zool., 12, p. 274, figs. 46, 49. Woolgoolga, N.S.W. (H.98).

EXOSIPERNA Iredale, 1929, Rec. Aust. Mus., 17, p. 166. O.T. *scapha* Verco.

163. *relata* Iredale, 1929, Rec. Aust. Mus., 17, p. 167. Off Narrabeen, N.S.W., 80 fm. Laseron, 1956, loc. cit., p. 274, figs. 50, 51 (type) (H.96).

SOLAMEN Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, p. 198. O.T. *rex* Iredale.

164. *rex* Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, p. 198, pl. 34, fig. 5, pl. 35, fig. 2. Twofold Bay, N.S.W. Laseron, 1956, loc. cit., p. 275, figs. 52, 53 (H.95).

QUENDREDA Iredale, 1936, Rec. Aust. Mus., 19, p. 271. O.T. *fabalis* Hedley.

165. *fabalis* Hedley, 1904, Proc. Linn. Soc. N.S.W., 29, p. 199, pl. 10, fig. 39. Off Wollongong, N.S.W., 100 fm. (H.100).

*Family* GAIMARDIIDAE

GAIMARDIA Gould, 1852, United States Explor. Exped., 12, p. 460. H.T. *trapesina* Lamarck.

166. *tasmanica* Beddome, 1883, Proc. Roy. Soc. Tasm., 1882, p. 168. South Tasmania. Tate and May, 1901, Proc. Linn. Soc. N.S.W., 26, p. 439, fig. 12. Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, p. 198. (Twofold Bay, N.S.W.)

*Subclass* ANOMALODESMACEA

*Order* ANOMALOBRANCHIA

*Suborder* LATERNULIFORMES

*Family* LATERNULIDAE

LATERNULA Bolten-Roding, 1798, Mus. Bolten, pt. 2, p. 155. L.T. (Gray, 1847, Proc. Zool. Soc. Lond. 1847, p. 190) *anatina* Linne.

167. *creccina* Reeve, 1860, Conch. Icon., 14, *Anatina,* pl. 2, fig. 12. South Australia. Angas, 1867, Proc. Zool. Soc. Lond., 1867, p. 913. (Port Jackson, N.S.W.) (H.102).

168. *marilina* Reeve, 1860, Conch. Icon., 14, *Anatina,* pl. 2, fig. 10. Port Jackson, N.S.W.

169. *recta* Reeve, 1863, Conch. Icon., 14, *Anatina,* pl. 4, fig. 24. Port Phillip, Victoria.

170. *attenuata* Reeve, 1863, Conch. Icon., 14, *Anatina,* pl. 3, fig. 16. Sydney, N.S.W. (H.103).

171. *vagina* Reeve, 1863, Conch. Icon., 14, *Anatina,* pl. 4, fig. 26. Moreton Bay, Queensland.

PENDALOMA Iredale, 1930, Rec. Aust. Mus., 17, p. 387. O.T. *micans* Hedley.

172. *micans* Hedley, 1901, Rec. Aust. Mus., 4, p. 25, fig. 7. Off Sydney, N.S.W., "75" (= 45) fm. (H.104).

OFFADESMA Iredale, 1930, Rec. Aust. Mus., 17, p. 387. H.T. *angasi* Crosse and Fischer,

173. *angasi* Crosse and Fischer, 1864, J. de Conch., 12, p. 349. Spencer's Gulf, South Australia. Id., 1865, ib., 13, p. 427, pl. 11, fig. 1 (H.105).

*Family* THRACIIDAE

EXIMIOTHRACIA Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, p. 181. O.T. *speciosa* Angas.

174. *speciosa* Angas, 1869, Proc. Zool. Soc. Lond., 1869, p. 48, pl. 2, fig. 12. Port Jackson, N.S.W. (H.114).

175. *anatinoides* Reeve, 1859, Conch. Icon., 12, *Thracia,* pl. 3, fig. 12. Sydney, N.S.W. [Not yet discovered, probably foreign.] (H.106).

176. *angasiana* Smith, 1876, J. Linn. Soc. Lond., Zool., 12, p. 560, pl. 30, fig. 23. Port Jackson, N.S.W. (H.107, 109).

177. *modesta* Angas, 1868, Proc. Zool. Soc. Lond., 1867, p. 908, pl. 44, fig. 3. Port Jackson, N.S.W. (H.110).

CETOTHRAX Iredale, 1949, Proc. Roy. Zool. Soc. N.S.W. 1947-8, p. 19. O.T. *imperfecta* Lamarck.

178. *jacksonensis* Smith, 1876, J. Linn. Soc. Lond., Zool., 12, p. 561, pl. 30, fig. 24. Port Jackson, N.S.W. (= *brazieri* Sowerby, 1884, Proc. Zool. Soc. Lond. 1883, p. 465, Sydney, N.S.W.) (H.108).

THRACIDORA Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, pp. 181, 200. H.T. *arenosa* Hedley.

179. *arenosa* Hedley, 1904, Proc. Linn. Soc. N.S.W., 29, p. 197, pl. 9, figs. 26, 27. Off Wollongong, N.S.W., 100 fm. (H.112).

THRACIOPSIS Tate and May, 1907, Trans. Roy. Soc. South Aust., 24, p. 103. O.T. *angustata* Angas.

180. *angustata* Angas, 1868, Proc. Zool. Soc. Lond., 1867, p. 908, pl. 44, fig. 1. Port Jackson, N.S.W. (H.111).

181. *elegantula* Angas, 1868, Proc. Zool. Soc. Lond., 1867, p. 905, pl. 44, fig. 2. Port Jackson, N.S.W. (H.113).

182. *peroniana* Iredale, 1924, Proc. Linn. Soc.

.S.W., 49, pp. 181, 199. Tasmania. May, 1923, Illus. ndex Tasm. Shells, pl. 5, fig. 7 *(elegantula,* not of ngas, supra) (H.113 pt.).

183. *elongata* Stutchbury, 1830, Zool. Journ., 5, p. 00, Suppl., pl. 43, figs. 9, 10. Port Jackson, N.S.W.

184. *subalata* Gatliff and Gabriel, 1910, Proc. Roy. oc. Vict., 23, (n.s.), p. 85, pl. 19, figs. 10-12. Port hillip, Victoria.

*Family* MYOCHAMIDAE

Myochama Stutchbury, 1830, Zool. Journ., 5, p. 97. H.T. *anomioides* Stutchbury.

185. *anomioides* Stutchbury, 1830, Zool. Journ., 5, . 97, Suppl., pl. 42, figs. 1-4. Port Jackson, N.S.W. H.115).

186. *strangei* A. Adams, 1850, Proc. Zool. Soc. ond., 1850, p. 23, pl. 8, fig. 2. Port Jackson, N.S.W. H.116).

187. *tasmanica* Tenison-Woods, 1877, Proc. Roy. oc. Tasm., 1876, p. 160. South Tasmania. Tate and May, 1901, Proc. Linn. Soc. N.S.W., 26, p. 461, fig. 13 type figured).

Myadora Gray, 1840, Ann. Nat. Hist., 4, p. 306. H.T. *brevis* Sowerby.

188. *brevis* Sowerby, 1829, Appendix Stutchbury ale Cat., p. 3, fig. 2. Port Jackson, N.S.W. (H.119).

189. *crassa* Stutchbury, 1830, Zool. Journ., 5, p. 00, Suppl., pl. 43, figs. 5-6. Port Jackson, N.S.W. H.120).

190. *ovalis* Stutchbury, 1830, Zool. Journ., 5, p. 00, Suppl., pl. 43, figs. 7, 8. Port Jackson, N.S.W. H.121).

191. *complexa* Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, pp. 181, 201, pl. 33, figs. 9, 10. Twofold Bay, N.S.W. (H.122).

192. *pandoriformis* Stutchbury, 1830, Zool. Journ., 5, p. 99, Suppl., pl. 43, figs. 3, 4. Port Jackson, N.S.W. (H.123).

193. *royana* Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, pp. 181, 201, pl. 33, figs. 5, 6. Off Green Cape, N.S.W., 50-70 fm.

194. *albida* Tenison-Woods, 1876, Proc. Roy. Soc. Tasm., 1875, p. 160. South Tasmania. Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, p. 200, pl. 33, figs. 13, 14 (H.117).

195. *subalbida* Gatliff and Gabriel, 1914, Proc. Roy. Soc. Vic., 27, (n.s.), p. 96, pl. 15, fig. 14. Western Port, Victoria. Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, p. 200, pl. 33, figs. 3, 4 (New South Wales).

196. *elongata* May, 1915, Proc. Roy. Soc. Tasm., 1915, p. 98, pl. 8, figs. 40-40a. Tasmania. Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, p. 200 (N.S.W.).

197. *australica* Reeve, 1859, Conch. Icon., 12, *Thracia,* pl. 6, fig. 13. Moreton Bay, Queensland (H.118).

Phragmorisma Tate, 1894, J. Roy. Soc. N.S.W., 27, p. 189. L.T. (here designated) *watsoni* Smith.

198. *watsoni* Smith, 1885, Rep. Sci. Res. Challenger, Zool., 13, p. 69, pl. 6, figs. 5, 5b. Bass Strait, 38-40 fm. Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, p. 201 (Twofold Bay, N.S.W., 15-25 fm).

*Suborder* PANDORIFORMES

*Family* CLEIDOTHAERIDAE

Cleidothaerus Stutchbury, 1830, Zool. Journ., 5, p. 97. H.T. *chamoides* Stutchbury.

199. *chamoides* Stutchbury, 1830, Zool. Journ., 5, p. 98, Suppl., pl. 42, figs. 5-6. Port Jackson, N.S.W. (H.124).

*Suborder* BRECHITIFORMES

*Family* CLAVAGELLIDAE

Dacosta Gray, 1858, Proc. Zool. Soc. Lond., 1858, p. 315. H.T. *australis* Sowerby.

200. *australis* Sowerby, 1829, Appendix Stutchbury Sale Cat., pl. 1, fig. 1. Port Jackson, N.S.W. (H.125).

Humphreyia Gray, 1858, Ann. Mag. Nat. Hist., (3) 2, p. 16. H.T. *strangei* A. Adams.

201. *coxi* Brazier, 1872, Proc. Zool. Soc. Lond., 1872, p. 22, pl. 4, fig. 9. Port Stephens, N.S.W. (H.126).

202. *strangei* A. Adams, 1854, Proc. Zool. Soc. Lond., 1852, p. 91, pl. 15, fig. 5. Port Jackson, N.S.W. (H.127).

203. *multangularis* Tate, 1887, J. Roy. Soc. South Aust., 9, p. 64, pl. 4, figs. 4 a, b. St. Vincent Gulf, South Australia.

*Order* SEPTIBRANCHIA

*Family* VERTICORDIIDAE

Vertisphaera Iredale, 1930, Rec. Aust. Mus., 17, p. 388. O.T. *cambrica* Iredale.

204. *cambrica* Iredale, 1930, Rec. Aust. Mus., 17, p. 387. Off Narrabeen, N.S.W., 80 fm. Hedley, 1907, Rec. Aust. Mus., 6, p. 303, pl. 56, figs. 38-39 *(australiensis,* not of Smith, 1885) (H.128).

Spinosipella Iredale, 1930, Rec. Aust. Mus., 17, p. 388. O.T. *ericia* Hedley.

205. *ericia* Hedley, 1911, Biol. Res. Endeavour, I, p. 96, pl. 17, figs. 1-3. Off Cape Wiles, South Australia, 100 fm. (also from 80 fm., east of Narrabeen, N.S.W.) (H.129).

Setaliris Iredale, 1930, Rec. Aust. Mus., 17, p. 388. O.T. *accessa* Iredale.

206. *accessa* Iredale, 1930, Rec. Aust. Mus., 17, p. 388. 23 m. east of Sydney, N.S.W., 250-300 fm. Hedley, 1906, Rec. Aust. Mus., 6, p. 215 (*rhomboidea* Hedley, not of Tate 1887). Hedley, 1907, Rec. Aust. Mus., 6, p. 303 (*setosa*, not of Hedley 1907) (H.130).

VERTAMBITUS Iredale, 1930, Rec. Aust. Mus., 17, p. 388. O.T. *vadosus* Hedley.

207. *vadosus* Hedley, 1907, Rec. Aust. Mus., 6, p. 303, pl. 56, figs. 34-37. Off Narrabeen, N.S.W., 80 fm. (H.131).

*Family* POROMYIDAE

PROAGORINA Iredale, 1930, Rec. Aust. Mus., 17, p. 388. O.T. *quadrata* Hedley.

208. *quadrata* Hedley, 1907, Rec. Aust. Mus., 6, p. 302, pl. 56, figs. 31, 33. Off Narrabeen, N.S.W., 80 fm. (H.132).

QUESTIMYA Iredale, 1930, Rec. Aust. Mus., 17, p. 388. O.T. *undosa* Hedley and Petterd.

209. *undosa* Hedley and Petterd, 1906, Rec. Aust. Mus., 6, p. 224, pl. 38, figs. 16-17. Off Sydney, N.S.W., 250 fm. (H. 133).

ECTORISMA Tate, 1892, Trans. Roy. Soc. South Aust., 15, p. 127. O.T. *granulata* Tate.

210. *granulata* Tate, 1892, Trans. Roy. Soc. South Aust., 15, p. 127, pl. 1, figs. 3, 3a. Hardwicke Bay, South Australia, 8-10 fm. (= *illevis* Hedley, 1913, Proc. Linn. Soc. N.S.W., 38, p. 265, nom. nov., error only) (H.134).

*Family* CUSPIDARIIDAE

CUSPIDARIA Nardo, 1840, Revue Zool. Soc. Cuv., 1840, p. 30. O.T. *cuspidata* Olivi.

211. *latesulcata* Tenison-Woods, 1878, Proc. Linn. Soc. N.S.W., 2, p. 123. Port Jackson, N.S.W. Hedley, 1901, Proc. Linn. Soc. N.S.W., 26, p. 20, pl. 2, figs. 11-13 (H.140).

212. *exarata* Verco, 1908, Trans. Roy. Soc. South Aust., 32, p. 199, pl. 12, figs. 6-7. South Australia, 104 fm. (H.139).

213. *brazieri* Smith, 1885, Rep. Sci. Res. Challenger, Zool., 13, p. 51, pl. 9, fig. 3. Port Jackson, N.S.W. (H.137).

214. *dorsirecta* Verco, 1908, Trans. Roy. Soc. South Aust., 32, p. 198, pl. 11, figs. 9-10. South Australia, 40-110 fm. (H.138).

215. *tasmanica* Tenison-Woods, 1876, Proc. Roy. Soc. Tasm., 1875, p. 27. Tasmania. Hedley, 1901, Proc. Linn. Soc. N.S.W., 26, p. 21, fig. 20, in text (H.141).

216. *alveata* Hedley, 1907, Rec. Aust. Mus., 6, p. 362, pl. 66, fig. 6. Off Sydney, N.S.W., 800 fm. (H.135).

217. *truncata* Hedley, 1905, Rec. Aust. Mus., 6, p. 47, fig. 11. Off Cape Byron, N.S.W., 111 fm. (H.142).

*Subclass* TELEODESMACEA

*Order* HETERODONTA

*Family* EUCRASSATELLIDAE

EUCRASSATELLA Iredale, 1924, Proc. Linn. Soc. N.S.W. 49, pp. 181, 202. O.T. *kingicola* Lamarck.

218. *kingicola* Lamarck, 1805, Ann. Mus. Hist. Nat. Paris, 6, p. 408. King I., Bass Strait. Lamy 1917, J. de Conch., 62, pl. 6, fig. 1. Iredale, 1924 Proc. Linn. Soc. N.S.W., 49, p. 202 (Twofold Bay N.S.W.) (H.145).

219. *cumingii* A. Adams, 1854, Proc. Zool. Soc. Lond., 1852, p. 90, pl. 16, fig. 1. Moreton Bay Queensland.

220. *genuina* Iredale, 1936, Rec. Aust. Mus., 19 p. 271, pl. 20, fig. 4. Sydney Harbour, N.S.W.

TALABRICA Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, pp. 181, 204. O.T. *aurora* A. Adams and Angas.

221. *aurora* A. Adams and Angas, 1864, Proc. Zool. Soc. Lond., 1863, p. 426, pl. 37, fig. 15. Banks Strait, Tasmania. Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, p. 204. (Off Twofold Bay, N.S.W.)

SALAPUTIUM Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, pp. 182, 204. O.T. *fulvida* Angas.

222. *discus* Hedley, 1907, Rec. Aust. Mus., 6, p. 300, pl. 56, figs. 26-27. Off Narrabeen, N.S.W., 80 fm. (H.143).

223. *scabriliratum* Hedley, 1902, Mem. Aust. Mus., 4, p. 314, fig. 54. Off Port Stephens, N.S.W. (H.146).

224. *securiforme* Hedley, 1902, Mem. Aust. Mus., 4, p. 312, fig. 53. Off Port Kembla, N.S.W., 63-75 fm. (H.147).

225. *fulvidum* Angas, 1871, Proc. Zool. Soc. Lond., 1871, p. 20, pl. 1, fig. 32. Port Jackson, N.S.W. (H.144).

*Family* CUNIDAE

[Ref.:—Laseron, 1953, Rec. Aust. Mus., 23, p. 33 et seq., figs.]

SALTOCUNA Iredale, 1936, Rec. Aust. Mus., 19, p. 272. H.T. *particula* Hedley.

226. *particula* Hedley, 1902, Mem. Aust. Mus., 4, p. 316, fig. 56. Off Port Kembla, N.S.W., 63-75 fm. Laseron, 1953, loc. cit., p. 35, figs. 5, 5a (H.151).

CUNA Hedley, 1902, Mem. Aust. Mus., 4, p. 315. O.T. *concentrica* Hedley.

227. *concentrica* Hedley, 1902, Mem. Aust. Mus., 4, p. 315, fig. 55. Off Port Kembla, N.S.W., 63-75 fm. Laseron, 1953, loc. cit., p. 34, figs. 1-1 a (Off Cape Byron, north N.S.W., 110 fm.) (H.149).

228. *littoralis* Laseron, 1953, Rec. Aust. Mus., 23, p. 34, figs. 2, 2a, 2b. Manly, N.S.W.

OVACUNA Laseron, 1953, Rec. Aust. Mus., 23, p. 34. O.T. *atkinsoni* Tenison-Woods.

229. *atkinsoni* Tenison-Woods, 1877, Proc. Roy. Soc. Tasm., 1876, p. 158. Tasmania. Laseron, 1953,

c. cit., p. 35, figs. 3 a, b (Port Jackson, N.S.W.) H.148).

OLUPICUNA Iredale, 1936, Rec. Aust. Mus., 19, p. 272. O.T. *delta* Tate and May.

230. *novacambrica* Laseron, 1953, Rec. Aust. Mus., 3, p. 35, figs. 4, 4 a. Port Jackson, N.S.W. (H.150).

IAMACUNA Cotton, 1931, Rec. South Aust. Mus., 4, p. 350. H.T. *hamata* Hedley and May.

231. *radiata* Laseron, 1953, Rec. Aust. Mus., 23, p. 6, figs. 6, 6 a. Near Sydney, N.S.W., 14 fm.

MESOCUNA Laseron, 1953, Rec. Aust. Mus., 23, p. 36. O.T. *saza* Laseron.

232. *saza* Laseron, 1953, Rec. Aust. Mus., 23, p. 36, igs. 7, 7a. Near Sydney, N.S.W., 14 fm.

UNANAX Iredale, 1936, Rec. Aust. Mus., 19, p. 272. O.T. *pisum* Hedley.

233. *pisum* Hedley, 1908, Proc. Linn. Soc. N.S.W., 33, p. 476, pl. 9, figs. 26, 27. Port Jackson, N.S.W. Laseron, 1953, loc. cit., p. 37, figs. 8 a, b (H.152).

*Family* CARDITELLIDAE

CARDITELLONA Iredale, 1936, Rec. Aust. Mus., 19, p. 272. O.T. *angasi* Smith.

234. *angasi* Smith, 1885, Rep. Sci. Res. Challenger, Zool., 13, p. 217, pl. 15, fig. 9. Off Port Jackson, N.S.W., 35 fm. (H.154).

CARDITELLOPSIS Iredale, 1936, Rec. Aust. Mus., 19, p. 272. O.T. *elegantula* Tate and May.

235. *elegantula* Tate and May, 1901, Proc. Linn. Soc. N.S.W., 26, p. 463, fig. 14. South Tasmania (H.155).

*Family* CARDITIDAE

CARDITA Bruguiere, 1792, Tabl. Ency. Meth., Vers, 2, p. 401. L.T. (Fleming, 1818, Conchology (Encycl. Brit., Suppl., 3) p. 305) *variegata* Bruguiere.

236. *excavata* Deshayes, 1854, Proc. Zool. Soc. Lond., 1852, p. 100, pl. 17, figs. 1-3. Sydney, N.S.W. (H.156).

237. *amabilis* Deshayes, 1854, Proc. Zool. Soc. Lond., 1852, p. 102, pl. 17, figs. 8, 9. "New Zealand" (error = Port Jackson, N.S.W.) (= *beddomei* Smith, 1885, Rep. Sci. Res. Challenger, Zool., 13, p. 211, pl. 15, fig. 5. Bass Strait, 38-42 fm.) (H.157, 158).

VIMENTUM Iredale, 1925, Rec. Aust. Mus., 14, p. 248, 254. O.T. *dilectum* Smith.

238. *dilectum* Smith, 1885, Rep. Sci. Res. Challenger, Zool., 13, p. 213, pl. 15, figs. 4, 4 a. Bass Strait, 24-40 fm. (H.159).

239. *cavaticum* Hedley, 1902. Mem. Aust. Mus., 4, p. 318, fig. 58. Off Port Kembla, N.S.W., 63-75 fm. (H.160).

240. *legulejum* Iredale, 1925, Rec. Aust. Mus., 14, p. 255. Off Ulladulla, N.S.W., 74 fm. Not figured. Cf. *excelsior* Verco, 1908, Trans. Roy. Soc. South Australia, 32, p. 348, pl. 14, fig. 9.

241. *semotum* Iredale, 1925, Rec. Aust. Mus., 14, p. 255, pl. 42, fig. 8. Off Montagu I., N.S.W., 7-10 fm.

BATHYCARDITA Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, pp. 182, 205. O.T. *raouli* Angas.

242. *raouli* Angas, 1872, Proc. Zool. Soc. Lond., 1872, p. 613, pl. 42, fig. 12. Off Cape Raoul, South Tasmania. Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, p. 205, pl. 33, figs. 11, 12. (Off Green Cape, N.S.W. 50-70 fm.) (H.161).

*Family* CONDYLOCARDIIDAE

[Ref.:—Laseron, 1953, Rec. Aust. Mus., 23, p. 37 et seq., figs.]

CONDYLOCUNA Iredale, 1936, Rec. Aust. Mus., 19, p. 272. O.T. *projecta* Hedley.

243. *ovata* Hedley, 1906, Proc. Linn. Soc. N.S.W., 30, p. 539, pl. 31, figs. 5, 6. Manly Beach, N.S.W. Laseron, 1953, loc. cit., p. 40, figs. 17, 17 a (H.162).

244. *projecta* Hedley, 1902, Mem. Aust. Mus., 4, p. 317, fig. 57. Port Jackson, N.S.W. Laseron, 1953, loc. cit., p. 40, fig. 16 (H.165).

245. *cambrica* Iredale, 1936, Rec. Aust. Mus., 19, p. 272. Port Jackson, N.S.W. Laseron, 1953, loc. cit., p. 41, figs. 13, 13 a (H.166).

246. *moringa* Laseron, 1953, Rec. Aust. Mus., 23, p. 40, figs. 18, 18 a. Port Jackson, N.S.W., 15 fm.

247. *minuta* Laseron, 1953, Rec. Aust. Mus., 23, p. 41, figs. 14, 14 a. Narrabeen, N.S.W.

CONDYLOCARDIA Bernard, 1896, Bull. Mus. Nat. Hist. Paris, 2, p. 195. O.T. *sanctipauli* Bernard.

248. *kunopia* Laseron, 1953, Rec. Aust. Mus., 23, p. 39, figs. 10, 10 a. Narrabeen, N.S.W.

249. *rotunda* Laseron, 1953, Rec. Aust. Mus., 23, p. 39, figs. 11, 11 a. Narrabeen, N.S.W.

RADIOCONDYLA Iredale, 1936, Rec. Aust. Mus., 19, p. 272. O.T. *arizela* Iredale.

250. *arizela* Iredale, 1936, Rec. Aust. Mus., 19, p. 272. Off Cape Pillar, S. Tasmania, 100 fm. Based on Hedley and May, 1908, Rec. Aust. Mus., 7, p. 125, pl. 25, figs. 41, 42 (*porrecta*, not of Hedley, 1906, South Queensland) (H.164).

251. *jacksonensis* Laseron, 1953, Rec. Aust. Mus., 23, p. 42, figs. 19, 19 a. Port Jackson, N.S.W., 6-9 fm. (H.163).

252. *ampla* Laseron, 1953, Rec. Aust. Mus., 23, p. 42, fig. 22. Near Sydney, N.S.W., 14 fm.

253. *rotunda* Laseron, 1953, Rec. Aust. Mus., 23, p. 42, fig. 9. Off Crookhaven, N.S.W., 30-35 fm.

PARTICONDYLA Laseron, 1953, Rec. Aust. Mus., 23, p. 43. O.T. *cuneata* Laseron.

254. *cuneata* Laseron, 1953, Rec. Aust. Mus., 23, p. 43, figs. 20 a, b. Near Sydney, N.S.W., 14 fm.

WARRANA Laseron, 1953, Rec. Aust. Mus., 23, p. 43. O.T. *dielasma* Laseron.

255. *dielasma* Laseron, 1953, Rec. Aust. Mus., 23, p. 43, fig. 23. Narrabeen, N.S.W.

256. *vitrea* Laseron, 1953, Rec. Aust. Mus., 23, p. 44, figs. 24, 24 a. Narrabeen, N.S.W.

257. *eccentrica* Laseron, 1953, Rec. Aust. Mus., 23, p. 44, figs. 25, 25 a. Off Shoalhaven, N.S.W., 20-25 fm.

*Family* BENTHOCARDIELLIDAE

BENTHOCARDIELLA Powell, 1930, Trans. Proc. Roy. Soc. New Zeal., 61, p. 533. O.T. *pusilla* Powell.

258. *vitrea* Laseron, 1953, Rec. Aust. Mus., 23, p. 41, figs. 15, 15 a. Narrabeen, N.S.W.

*Family* CHAMIDAE

CHAMA Linne, 1758, Syst. Nat., 10 ed., p. 691. L.T. (Gray, 1847, Proc. Zool. Soc. Lond., 1847, p. 193) *lazarus* Linne.

259. *nivalis* Reeve, 1846, Conch. Icon., 4, *Chama*, pl. 4, fig. 17. North Australia (H.167).

260. *reflexa* Reeve, 1846, Conch. Icon., 4, *Chama*, pl. 4, fig. 16. Darnley Is., Queensland (H.167 pt.).

261. *jukesii* Reeve, 1847, Conch. Icon., 4, *Chama*, pl. 7, fig. 39. Cape Upstart, Queensland (H.167 pt.).

*Family* CODAKIIDAE

EPICODAKIA Iredale, 1930, Rec. Aust. Mus., 17, p. 390. O.T. *gunnamatta* Iredale.

262. *consettiana* Iredale, 1930, Rec. Aust. Mus., 17, p. 391. Badger I., Tasmania. New name for *Lucina minima*, Tenison-Woods, 1876, Proc. Roy. Soc. Tas., 1875, p. 162 (not *L. minima* Roemer, 1836). May, 1903, Proc. Roy. Soc. Tasmania, 1902, p. 14, figs. 12 in text.

263. *quadrata* Angas, 1877, Proc. Zool. Soc. Lond., 1877, p. 176, pl. 26, fig. 24. Port Jackson, N.S.W. (H.170).

264. *tatei* Angas, 1879, Proc. Zool. Soc. Lond., 1878, p. 863, pl. 54, fig. 15. St. Vincent Gulf, South Aust.

265. *gunnamatta* Iredale, 1930, Rec. Aust. Mus., 17, p. 391, pl. 64, figs. 6, 7. Port Hacking, N.S.W. (H.168).

TALOCODAKIA Iredale, 1936, Rec. Aust. Mus., 19, p. 273. O.T. *kennethi* Iredale.

266. *kennethi* Iredale, 1936, Rec. Aust. Mus., 19, p. 273, pl. 20, fig. 10. Narrabeen, N.S.W.

PEXOCODAKIA Iredale, 1930, Rec. Aust. Mus., 17, p. 389. O.T. *rugifera* Reeve.

267. *rugifera* Reeve, 1850, Conch. Icon., 6, *Lucina*, pl. 1, fig. 1. Sydney, N.S.W. (H.171).

SYDLORINA Iredale, 1930, Rec. Aust. Mus., 17, p. 390. O.T. *symbolica* Iredale.

268. *symbolica* Iredale, 1930, Rec. Aust. Mus., 17, p. 390. Port Jackson, N.S.W. (based on) Hedley, 1914, Proc. Linn. Soc. N.S.W., 39, p. 699, pl. 79, figs. 25, 28 (*pisidium*, not of Dunker 1860) (H.169).

MENDICULA Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, p. 206. H.T. *memorata* Iredale.

269. *memorata* Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, p. 206. Off Sydney, N.S.W., 800 fm. New name for *Lucina induta* Hedley, 1907, Rec. Aust. Mus., 6, p. 363, pl. 66, figs. 11-12 (not L. *induta* Stoliczka 1887) (H.173).

CAVATIDENS Iredale, 1930, Rec. Aust. Mus., 17, p. 391. O.T. *omissa* Iredale.

270. *omissa* Iredale, 1930, Rec. Aust. Mus., 17, p. 391, pl. 63, figs. 3, 4. Port Hacking, N.S.W.

WALLUCINA Iredale, 1930, Rec. Aust. Mus., 17, p. 390. O.T. *jacksoniensis* Smith.

271. *jacksoniensis* Smith, 1885, Rep. Sci. Res. Challenger, Zool., 13, p. 185, pl. 13, figs. 11 a, b. Port Jackson, N.S.W., 6-15 fm. (H.174).

NEVENULORA Iredale, 1930, Rec. Aust. Mus., 17, p. 390. O.T. *hilaira* Hedley.

272. *hilaira* Hedley, 1917, Proc. Linn. Soc. N.S.W., 41, p. 683, pl. 51, figs. 38, 39. Off Montagu I., N.S.W., 7-10 fm. (H.175).

MONITILORA Iredale, 1930, Rec. Aust. Mus., 17, p. 390. O.T. *ramsayi* Smith.

273. *ramsayi* Smith, 1885, Rep. Sci. Res. Challenger, Zool., 13, p. 174, pl. 13, fig. 2. Port Jackson, N.S.W., 6-7 fm. (H.176).

NOTOMYRTEA Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, pp. 182, 206. O.T. *botanica* Hedley.

274. *botanica* Hedley, 1918, J. Proc. Roy. Soc. N.S.W., 51, Suppl. M.18. Sydney, N.S.W. New name for *Tellina brazieri* Sowerby, 1883, Proc. Zool. Soc. Lond., 1883, p. 31, pl. 7, fig. 2 (not *T. brazieri* Sowerby 1869) (H.177).

DIVALUCINA Iredale, 1936, Rec. Aust. Mus., p. 273. O.T. *cumingii* A. Adams and Angas.

275. *cumingii* A. Adams and Angas, 1864, Proc. Zool. Soc. Lond., 1863, p. 426, pl. 37, fig. 20. St. Vincent Gulf, South Aust. (H.178).

BATHYCORBIS Iredale, 1930, Rec. Aust. Mus., 17, p. 392. O.T. *despecta* Hedley.

276. *despecta* Hedley, 1904, Proc. Linn. Soc. N.S.W., 29, p. 193, pl. 10, figs. 35-38. Off Wollongong, N.S.W., 100 fm. (H.179).

NUMELLA Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, pp. 182, 206. H.T. *adamsi* Angas.

277. *adamsi* Angas, 1868, Proc. Zool. Soc. Lond., 1867, p. 910, pl. 44, fig. 9. Port Jackson, N.S.W. (H.180).

278. *jacksoniensis* Angas, 1868, Proc. Zool. Soc. Lond., 1867, p. 910, pl. 44, fig. 10. Port Jackson, N.S.W. (H.181).

*Family* UNGULINIDAE

ZEMYSIA Finlay, 1927, Trans. New Zeal. Inst., 57, p. 462. O.T. *zelandica* Gray.

279. *tasmanica* Tenison-Woods, 1877, Proc. Roy. Soc. Tasm., 1876, p. 158. South Tasmania. Tate and May, 1901, Proc. Linn. Soc. N.S.W., 26, p. 432, pl. 27, fig. 102 (H.183).

ZEMYSINA Finlay, 1927, Trans. New Zeal. Inst., 57, p. 462. O.T. *globus* Finlay.

280. *globulosa* A. Adams, 1856, Proc. Zool. Soc. Lond., 1855, p. 226. Moreton Bay, Queensland. Allan, 1950, Aust. Shells, p. 312, text fig. 75, fig. 11 (H.182).

TORALIMYSIA Iredale, 1936, Rec. Aust. Mus., 19, p. 273. O.T. *excentrica* Iredale.

281. *excentrica* Iredale, 1936, Rec. Aust. Mus., 19, p. 273. Sydney, N.S.W. Based on Hedley, 1906, Proc. Linn. Soc. N.S.W., 30, p. 544, pl. 32, figs. 18-21 (*sphaericula,* not of Deshayes, 1855) (H.184).

*Family* THYASIRIDAE

GENAXINUS Iredale, 1930, Rec. Aust. Mus., 17, p. 363. O.T. *albigena* Hedley.

282. *albigena* Hedley, 1907, Rec. Aust. Mus., 6, p. 363, pl. 66, figs. 4-5. Off Sydney, N.S.W., 500 fm. (H.185).

PARATHYASIRA Iredale, 1930, Rec. Aust. Mus., 17, p. 392. O.T. *resupina* Iredale.

283. *resupina* Iredale, 1930, Rec. Aust. Mus., 17, p. 392, pl. 63, fig. 5. Off Port Kembla, N.S.W., 63-75 fm. (H.186).

PROTHYASIRA Iredale, 1930, Rec. Aust. Mus., 17, p. 393. O.T. *peroniana* Iredale.

284. *peroniana* Iredale, 1930, Rec. Aust. Mus., 17, p. 393, pl. 63, fig. 8. Off Port Kembla, N.S.W., 63-75 fm.

285. *benthicola* Iredale, 1930, Rec. Aust. Mus., 17, p. 394. Off Green Cape, N.S.W., 470 fm. Not figured. Cf. *adelaideana* Iredale, 1930, ibid., p. 394, pl. 63, figs. 6, 7.

*Family* "LEPTONIDAE"

[Ref.:—Laseron, 1956, Rec. Aust. Mus., 24, pp. 7-21.]

*Subfamily* MARIKELLIINAE

MARIKELLIA Iredale, 1936, Rec. Aust. Mus., 19, p. 274. O.T. *solida* Angas.

286. *rotunda* Deshayes, 1856, Proc. Zool. Soc. Lond., 1855, p. 181. Moreton Bay, Queensland. Laseron, 1956, loc. cit., p. 8, figs. 1 a, b, c (H.196).

287. *tumida* Laseron, 1956, Rec. Aust. Mus., 24, p. 8, figs. 4 a, b, c. Shark Is., Port Jackson, N.S.W.

288. *jacksoniana* Smith, 1884, Rep. Zool. Coll. Alert, p. 105, pl. 7, figs. F, F1. Port Jackson, N.S.W. Laseron, 1956, loc. cit., p. 8, figs. 2 a, b, c (H.194).

289. *solida* Angas, 1877, Proc. Zool. Soc. Lond., 1877, p. 176, pl. 25, fig. 25. Port Jackson, N.S.W. Laseron, 1956, loc. cit., p. 8, figs. 3 a, b, c (H.195).

290. *adamsi* Angas, 1868, Proc. Zool. Soc. Lond., 1867, p. 910, pl. 44, fig. 11. Port Jackson, N.S.W. Laseron, 1956, loc. cit., p. 9, figs. 5 a, b, c (H.193).

FRONSELLA Laseron, 1956, Rec. Aust. Mus., 24, p. 9. O.T. *adipata* Laseron.

291. *adipata* Laseron, 1956, Rec. Aust. Mus., 24, p. 9, figs. 6 a, b. Port Hacking, N.S.W.

292. *reversa* Laseron, 1956, Rec. Aust. Mus., 24, p. 9, fig. 7 a. North Harbour, Port Jackson, N.S.W.

PARVIKELLIA Laseron, 1956, Rec. Aust. Mus., 24, p. 9. O.T. *isolata* Laseron.

293. *isolata* Laseron, 1956, Rec. Aust. Mus., 24, p. 11, fig. 8a. Burrill Lake, south N.S.W.

294. *depressa* Laseron, 1956, Rec. Aust. Mus., 24, p. 11, fig. 9, 9 a. Jervis Bay, N.S.W., 5 fm.

PILEATONA Laseron, 1956, Rec. Aust. Mus., 24, p. 11. O.T. *compressa* Laseron.

295. *compressa* Laseron, 1956, Rec. Aust. Mus., 24, p. 11, figs. 10, 10 a. Off Twofold Bay, N.S.W. 40 fm.

NOTOLEPTON Finlay, 1927, Trans. New Zeal. Inst., 57, p. 463. O.T. *antipoda* Filhol.

296. *novacambricum* Hedley, 1915, Proc. Linn. Soc. N.S.W., 39, p. 701, pl. 79, figs. 29-32. Off Narrabeen, N.S.W., 22 miles, 80 fm. Laseron, 1953, Rec. Aust. Mus., 23, p. 49, figs. 21 a, b (H.192).

*Subfamily* LASAEINAE

LASAEA Brown, 1827, Ill. Conch. Gt. Brit., Expl. to pl. 20, fig. 18. H.T. *rubra* Montagu. (*Kellia* was used by Laseron, p. 15 through an error.)

297. *australis* Lamarck, 1818, Hist. Anim. s. Vert., 5, p. 560a.* Tasmania. Hedley, 1916, Moll. Aust. Antarct. Exped., p. 33, pl. 4, figs. 45-46 (H.203).

* The page numbers 551-560 in Lamarck's *Histoire Naturelle* are used twice in succession; *Cyclas australis* is described on the first page 560, referred to here as *560a.*

298. *scalaris* Philippi, 1847, Zeitschr. fur Malak. (Menke), 1847, p. 72. Western Australia. Laseron, 1956, loc. cit., p. 15, figs. 19 a, b (*australis,* not of Lamarck, 1818). (Port Jackson, N.S.W.) (H.203).

CORIAREUS Hedley, 1907, Rec. Aust. Mus., 6, p. 301. O.T. *vitreus* Hedley.

299. *vitreus* Hedley, 1907, Rec. Aust. Mus., 6, p. 301, pl. 56, figs. 28, 30. Off Narrabeen, N.S.W., 80 fm. Laseron, 1956, loc. cit., p. 12, figs. 11 a, b (H.204).

300. *jervisensis* Laseron, 1956, Rec. Aust. Mus., 24, p. 12, fig. 12 a. Jervis Bay, N.S.W., 15 fm. (H.205).

*Subfamily* MELLITERYCINAE

MELLITERYX Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, pp. 182, 207. O.T. *acupuncta* Hedley.

301. *acupuncta* Hedley, 1902, Mem. Aust. Mus., 4, p. 321, fig. 60. Off Cape Three Points, N.S.W., 41-50 fm. Laseron, 1956, loc. cit., p. 13, figs. 15 a, b, c (H.187).

302. *helmsi* Hedley, 1915, Proc. Linn. Soc. N.S.W., 39, p. 701, pl. 80, figs. 37-39. Dee Why Lagoon, near Sydney, N.S.W. Laseron, 1956, loc. cit., p. 13, figs. 16 a, b (Estuarine species, probably not congeneric) (H.188).

VERMITEXTA Laseron, 1956, Rec. Aust. Mus., 24, p. 13. O.T. *garrardi* Laseron.

303. *garrardi* Laseron, 1956, Rec. Aust. Mus., 24, p. 15, figs. 17 a, b, c. Twofold Bay, N.S.W.

CICATELLIA Laseron, 1956, Rec. Aust. Mus., 24, p. 15. O.T. *indenta* Laseron.

304. *indenta* Laseron, 1956, Rec. Aust. Mus., 24, p. 15, figs. 18, 18 a. Port Stephens, N.S.W.

*Subfamily* MYSELLINAE

MYSELLA Angas, 1877, Proc. Zool. Soc. Lond., 1877, p. 176. H.T. *anomala* Angas.

305. *anomala* Angas, 1877, Proc. Zool. Soc. Lond., 1877, p. 176, pl. 26, fig. 22. Shark Is., Port Jackson, N.S.W. Laseron, 1956, loc. cit., p. 18, figs. 23 a, b (H.198).

306. *vitrea* Laseron, 1956, Rec. Aust. Mus., 24, p. 18, figs. 24 a, b. North Harbour, Port Jackson, N.S.W. (H.200).

307. *lactea* Hedley, 1902, Mem. Aust. Mus., 4, p. 320, fig. 59. Off Port Kembla, N.S.W., 63-75 fm. Laseron, 1956, loc. cit., p. 18, figs. 25 a, b (H.201).

308. *cretacea* Laseron, 1956, Rec. Aust. Mus., 24, p. 19, figs. 27 a, b. Crookhaven, south of Sydney, N.S.W.

VIRMYSELLA Iredale, 1930, Rec. Aust. Mus., 17, p. 394. O.T. *spernax* Iredale.

309. *spernax* Iredale, 1930, Rec. Aust. Mus., 17, p. 394, pl. 64, figs. 10-12. Manly, N.S.W. Laseron, 1956, loc. cit., p. 19, figs. 26 a, b (H.198).

The determination of the next species is in doubt:

310. *Lepton concentrica* Gould. Laseron, 1956, loc. cit., p. 19. Cf. Hedley, 1915, Proc. Linn. Soc. N.S.W., 39, p. 700, pl. 77, fig. 1 (H.199).

*Family* BORNIOLIDAE

BORNIOLA Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, pp. 182, 207. O.T. *lepida* Hedley.

311. *lepida* Hedley, 1906, Proc. Linn. Soc. N.S.W., 30, p. 543, pl. 32, figs. 22, 23. Manly Beach, N.S.W. Laseron, 1956, loc. cit., p. 16, figs. 20 a, b (H.190).

312. *radiata* Hedley, 1905, Rec. Aust. Mus., 6, p. 48, fig. 12. East of Cape Byron, N.S.W., 111 fm. Laseron, 1956, loc. cit., p. 16, figs. 22 a, b (H.191).

BYSSOBORNIA Iredale, 1936, Rec. Aust. Mus., 19, p. 274. O.T. *filosa* Hedley.

313. *filosa* Hedley, 1902, Proc. Linn. Soc. N.S.W., 27, p. 7, pl. 2, figs. 15-17. Middle Harbour, Port Jackson, N.S.W. Laseron, 1956, loc. cit., p. 16, fig. 21 a (H.189).

*Family* MYLLITIDAE

MYLLITA Orbigny and Recluz, 1850, J. de Conch., 1, p. 288. H.T. *deshayesii* Orbigny and Recluz.

314. *tasmanica* Tenison-Woods, 1876, Proc. Roy. Soc. Tasm., 1875, p. 162. Tasmania. Tate, 1887, Trans. Roy. Soc. South Aust., 9, p. 98, pl. 5, fig. 12. Laseron, 1956, loc. cit., p. 12, figs. 13 a, b (Pt. Stephens, N.S.W.) (H.206).

315. *calva* Laseron, 1956, Rec. Aust. Mus., 24, p. 12, figs. 14, 14 a. Pt. Stephens, N.S.W. *(Mylitta errore).*

*Family* CYAMIOMACTRIDAE

[Ref.:—Laseron, 1953, Rec. Aust. Mus., 23, p. 44 et seq. figs.]

CYAMIOMACTRA Bernard, 1897, Bull. Mus. Hist. Nat. Paris, p. 311. O.T. *problematica* Bernard.

316. *balaustina* Gould, 1861, Proc. Bost. Soc. Nat. Hist., 8, p. 33. Sydney, N.S.W. Type figured, Hedley, 1915, Proc. Linn. Soc. N.S.W., 39, p. 699, pl. 27, figs. 2-3 (= *nitida* Hedley, 1908, id. ib. 33, p. 477, pl. 9, figs. 19-20. Off Wreck Bay, N.S.W., 20 fm.). Laseron, 1953, loc. cit., p. 46, figs. 31, 31 a (H.207).

317. *communis* Hedley, 1906, Proc. Linn. Soc. N.S.W., 30, p. 541, pl. 31, figs. 11-13. Manly, N.S.W. Laseron, 1953, loc. cit., p. 45, figs, 28 a, b (H.208).

318. *mactroides* Tate and May, 1900, Trans. Roy. Soc. South Aust., 24, p. 102. Tasmania. Hedley, 1906, Proc. Linn. Soc. N.S.W., 30, p. 541, pl. 31, figs. 9-10. Laseron, 1953, loc. cit., p. 45, figs. 27 a, b (Port Jackson, N.S.W.) (H.209).

319. *symmetrica* Laseron, 1953, Rec. Aust. Mus., 23, p. 45, figs. 29 a, b. Off Sydney, N.S.W., 30-35 fm.

320. *distorta* Laseron, 1953, Rec. Aust. Mus., 23, p. 45, figs. 30 a, b. Port Stephens, N.S.W.

321. *carina* Laseron, 1953, Rec. Aust. Mus., 23, p. 46, figs. 26 a, b. Manly, N.S.W.

CALVITIUM Laseron, 1953, Rec. Aust. Mus., 23, p. 46. O.T. *glabrum* Laseron.

322. *glabrum* Laseron, 1953, Rec. Aust. Mus., 23, p. 46, figs. 32 a, b. Port Hacking, N.S.W.

*Family* MICROPOLIIDAE

MICROPOLIA Laseron, 1953, Rec. Aust. Mus., 23, p. 48. O.T. *typica* Laseron.

323. *typica* Laseron, 1953, Rec. Aust. Mus., 23, p. 48, figs. 33 a, b. Off Crookhaven, N.S.W., 30-35 fm.

324. *jacksonensis* Laseron, 1953, Rec. Aust. Mus., 23, p. 48, figs. 34 a, b. Port Jackson, N.S.W.

325. *depressa* Laseron, 1953, Rec. Aust. Mus., 23, p. 48, figs. 35 a, b. Port Jackson, N.S.W.

326. *ovalis* Laseron, 1953, Rec. Aust. Mus., 23, p. 49, figs. 36 a, b. Off Crookhaven, N.S.W., 30-35 fm.

327. *concentrica* Laseron, 1953, Rec. Aust. Mus., 23, p. 49, figs. 37 a, b. Port Jackson, N.S.W.

328. *profundis* Laseron, 1953, Rec. Aust. Mus., 23, p. 49, figs. 38 a, b. Off Crookhaven, N.S.W., 30-35 fm.

*Family* SCINTILLIDAE

VAROTOGA Iredale, 1931, Rec. Aust. Mus., 18, p. 206. O.T. *cryptozoica* Hedley.

329. *cryptozoica* Hedley, 1917, Proc. Linn. Soc. N.S.W., 41, p. 684, pl. 51, fig. 40, and pl. 46, fig. 1. Port Jackson, N.S.W. (H.210).

LACTEMILES Iredale, 1931, Rec. Aust. Mus., 18, p. 206. O.T. *strangei* Deshayes.

330. *strangei* Deshayes, 1856, Proc. Zool. Soc. Lond., 1855, p. 181. Moreton Bay, Queensland. Hedley, 1913, Proc. Linn. Soc. N.S.W., 38, p. 268, pl. 16, figs. 17-19 (H.211).

AMBUSCINTILLA Iredale, 1936, Rec. Aust. Mus., 19, p. 275. O.T. *praemium* Iredale.

331. *praemium* Iredale, 1936, Rec. Aust. Mus., 19, p. 275, pl. 21, fig. 4. Port Jackson, N.S.W.

*Family* HEMIDONACIDAE

HEMIDONAX Morch, 1871, Malak. Blatt., 17, p. 121. H.T. *pictus* Tryon.

332. *pictus* Tryon, 1870, Amer. J. Conch., 6, p. 23, pl. 1, fig. 1. Moreton Bay, Queensland. Allan, 1950, Aust. Shells, p. 319, col. pl. 34, fig. 10 *(australiense,* not of Reeve, 1844) (H.153).

333. *dactylus* Hedley, 1923, Proc. Linn. Soc. N.S.W., 48, p. 303, pl. 31, fig. 13. Kiama, N.S.W.

334. *chapmani* Gatliff and Gabriel, 1923, Vict. Naturalist, 40, p. 10, pl. 2. San Remo, Victoria.

*Family* CARDIIDAE

PRATULUM Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, pp. 182, 207. O.T. *thetidis* Hedley.

335. *thetidis* Hedley, 1902, Mem. Aust. Mus., 4, p. 322. Off Port Kembla, N.S.W., 63-75 fm. May, 1923, Illus. Index Tasm. Shells, pl. 9, fig. 14 *(pulchella,* not of Gray, 1843) (H.217).

336. *probatum* Iredale, 1927, Aust. Zool., 4, p. 333, pl. 46, fig. 8. Trial Bay, N.S.W. (H.212).

VEPRICARDIUM Iredale, 1929, Aust. Zool., 5, p. 338. O.T. *pulchricostatum* Iredale.

337. *pulchricostatum* Iredale, 1929, Aust. Zool., 5, p. 338, pl. 37, figs. 4, 5. Sydney Harbour, N.S.W. (H.216).

REGOZARA Iredale, 1936, Rec. Aust. Mus., 19, p. 275. O.T. *olivifer* Iredale.

338. *olivifer* Iredale, 1936, Rec. Aust. Mus., 19, p. 275. Sydney Harbour, N.S.W. Reeve, 1845, Conch. Icon., 2, *Cardium,* pl. 14, fig. 68 (H.214).

339. *foveolatum* Sowerby, 1840, Conch. Illust., *Cardium,* Cat., p. 3, no. 44, fig. 65. Swan River, W.A. (= *cygnorum* Deshayes, 1855, Proc. Zool. Soc. Lond., 1854, p. 331. Swan River, Western Aust.). Hedley, 1917, Proc. Linn. Soc. N.S.W., 41, p. 686, pl. 52, fig. 41 (Montagu I., N.S.W.) (H.213).

340. *racketti* Donovan, 1825, Nat. Repository, 4, pl. 124. New South Wales. Reeve, 1845, Conch. Icon., 2, *Cardium,* pl. 18, figs. 89, 92 (H.218).

341. *oxygonum* Sowerby, 1840, Conch. Illust., *Cardium,* Cat. p. 4, no. 50, fig. 9. China. Hedley, 1923, Proc. Linn. Soc. N.S.W., 48, p. 304 (Trial Bay and Middle Harbour, N.S.W.).

342. *setosum* Redfield, 1846, Ann. New York Lyceum, 4, p. 168, pl. 11, fig. 1. China Seas. Smith, 1885, Rep. Sci. Res. Challenger, Zool., 13, p. 158 (H.219).

*Family* DOSINIIDAE

DOSINIA Scopoli, 1777, Intr. Hist. Nat., p. 399. L.T. (Gray, 1847, Proc. Zool. Soc. Lond., 1847, p. 183), *africana* Hanley.

343. *circinaria* Deshayes, 1853, Cat. Conch. Brit. Mus., p. 9. Sydney, N.S.W. Smith, 1885, Rep. Sci. Res. Challenger, Zool., 13, p. 150, pl. 1, fig. 2 (H.220).

344. *crocea* Deshayes, 1853, Cat. Conch. Brit. Mus., p. 8. Bass Strait. Roemer, 1862, Monog., *Venus,* p. 71, pl. 13, fig. 4 (H.221).

345. *caerulea* Reeve, 1850, Conch. Icon., 6, *Artemis,* pl. 4, fig. 25. Tasmania.

346. *victoriae* Gatliff and Gabriel, 1914, Proc. Roy. Soc. Vict., 27, (n.s.), p. 96, pl. 16, figs. 17-19. Western Port, Victoria, 5-10 fm.

FALLARTEMIS Iredale, 1930, Mem. Queensland Mus., 10, p. 75. O.T. *amina* Iredale.

347. *sculpta* Hanley, 1845, Proc. Zool. Soc. Lond., 1845, p. 12. Australia. Reeve, 1850, Conch. Icon., 6, *Artemis,* pl. 9, fig. 52. Sydney, N.S.W. (H.224).

MERIDOSINIA Iredale, 1930, Rec. Aust. Mus., 17 p. 394. O.T. *nedigna* Iredale.

348. *nedigna* Iredale, 1930, Rec. Aust. Mus., 17 p. 394, pl. 64, figs. 4-5. Port Hacking, N.S.W.

349. *puella* Angas, 1868, Proc. Zool. Soc. Lond., 1867, p. 909, pl. 44, fig. 4. Botany Bay, N.S.W. (H.222).

*Family* SUNETTIDAE

SUNEMEROE Iredale, 1930, Rec. Aust. Mus., 17, p. 395. O.T. *adelinae* Angas.

350. *adelinae* Angas, 1868, Proc. Zool. Soc. Lond., 1867, p. 909, pl. 54, fig. 5. Port Jackson, N.S.W. (Locality possibly incorrect). Cf. Fischer-Piette and Fischer, 1939, J. de Conch., 83, p. 192 (H.225).

*Family* CIRCIDAE

CIRCE Schumacher, 1817, Essai Nouv. Syst. Test., p. 152. H.T. *scripta* Linne.

351. *sugillata* Reeve, 1863, Conch. Icon., 14, *Circe*, pl. 3, fig. 11. Sydney, N.S.W. (H.227).

REDICIRCE Iredale, 1936, Rec. Aust. Mus., 19, p. 276. O.T. *mistura* Iredale.

352. *mistura* Iredale, 1936, Rec. Aust. Mus., 19, p. 276, pl. 21, fig. 3. Sydney, N.S.W.

353. *consola* Iredale, 1936, Rec. Aust. Mus., 19, p. 276, pl. 21, fig. 5. Newcastle, N.S.W., 45-55 fm.

FLUCTIGER Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, p. 209. O.T. *royanus* Iredale.

354. *royanus* Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, p. 209, pl. 33, figs. 7-8. Twofold Bay, N.S.W.

GOULDIOPA Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, p. 209. O.T. *australis* Angas.

355. *australis* Angas, 1865, Proc. Zool. Soc. Lond., 1865, p. 459. Port Jackson, N.S.W., 5 fm. (= *angasi* Smith, 1885, Rep. Sci. Res. Challenger, Zool., 13, p. 148, pl. 2, fig. 4) (H.226).

*Family* LIOCONCHIDAE

NOTOCALLISTA Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, pp. 182, 210. O.T. *kingii* Gray.

356. *laevigata* Sowerby, 1853, Thes. Conch., 2, p. 738, pl. 159, figs. 156-158. Moreton Bay, Queensland.

357. *kingii* Gray, 1826, Survey Coasts Austral. (King), 2, p. 476 ("1827" error). Tasmania. Reeve, 1863, Conch. Icon., 14, *Dione*, pl. 9, fig. 36 (H.229).

STRIACALLISTA Marwick, 1938, Trans. Proc. Roy. Soc. New Zeal., 68, p. 68. O.T. *multistriata* Sowerby.

358. *diemenensis* Hanley, 1844, Proc. Zool. Soc. Lond., 1844, p. 110. Tasmania. Marwick, 1938, Trans. Roy. Soc. New Zeal., 68, p. 70, pl. 12, figs. 6-8.

359. *disrupta* Sowerby, 1853, Thes. Conch., 2, p. 743, pl. 163, figs. 208-209. Moreton Bay, Queensland (H.228).

EUMARCIA Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, p. 211. O.T. *fumigata* Sowerby.

360. *fumigata* Sowerby, 1853, Thes. Conch., 2, p. 737, pl. 159, figs. 152-155. Sydney, N.S.W. (H.247).

GRANICORIUM Hedley, 1906, Proc. Linn. Soc. N.S.W., 31, p. 477, O.T. *indutum* Hedley.

361. *attonitum* Iredale, 1936, Rec. Aust. Mus., 23, p. 278, pl. 20, fig. 17. Off Sydney, N.S.W., 50-80 fm. PITARINA Jukes Browne, 1913, Proc. Malacol. Soc. Lond., 10, p. 339. O.T. *citrina* Lamarck.

362. *sophiae* Angas, 1877, Proc. Zool. Soc. Lond., 1877, p. 176, pl. 26, fig. 23. Botany Bay, N.S.W. (H.230).

363. *osmunda* Iredale, 1936, Rec. Aust. Mus., 19, p. 277, pl. 20, figs. 9, 9 a. Sydney, N.S.W.

*Family* VENERIDAE

TIGAMMONA Iredale, 1930, Rec. Aust. Mus., 17, p. 396. O.T. *persimilis* Iredale.

364. *chemnitzii* Hanley, 1845, Proc. Zool. Soc. Lond., 1844, p. 160. Philippines. Reeve, 1863, Conch. Icon., 14, *Venus*, pl. 10, fig. 32 (H.231).

365. *persimilis* Iredale, 1930, Rec. Aust. Mus., 17, p. 396, pl. 62, figs. 1-2. Manly Beach, N.S.W.

PROXICHIONE Iredale, 1929, Aust. Zool., 5, p. 339. O.T. *materna* Iredale.

366. *materna* Iredale, 1929, Austr. Zool., 5, p. 339, pl. 37, figs. 2-3. Sydney Harbour, N.S.W. (H.232).

ANTIGONA Schumacher, 1817, Essai nouv. Syst. Test. H.T. *lamellaris* Schumacher.

367. *lamellaris moderata* Iredale, 1930, Rec. Aust. Mus., 17, p. 395. Sydney Harbour, N.S.W. Not figured. Cf. *lamellaris* Schumacher, Allan, 1950, Aust. Shells, p. 329, pl. 41, fig. 12 (H.233).

TAWERA Marwick, 1927, Trans. New Zeal. Inst., 57, pp. 597, 613. O.T. *spissa* Deshayes.

368. *gallinula* Lamarck, 1818, Hist. Anim. s. Vert., 5, p. 592. King I., Bass Strait. Delessert, 1841, Rec. Coq. Lam., pl. 10, fig. 1. Cotton and Godfrey, 1938, Moll. South Aust., pt. 1, Pelecypoda, p. 240, text fig. 266 (not 265) (H.234).

369. *lagopus* Lamarck, 1818, Hist. Anim. s. Vert., 5, p. 591. King George's Sound, Western Australia. Cotton and Godfrey, 1938, Moll. South Aust., pt. 1, Pelecypoda, p. 240, text fig. 265 (not 266) (H.235).

KATELYSIA Roemer, 1857, Krit. Unters. Vener., p. 17. L.T. (Dall, 1902, Proc. U.S. Nat. Mus., 26, p. 360) *scalarina* Lamarck.

370. *enigma* Iredale, 1936, Rec. Aust. Mus., 19, p. 278, pl. 20, fig. 13. Manly, N.S.W.

371. *scalarina* Lamarck, 1818, Hist. Anim. s. Vert., 5, p. 599. King George's Sound, West Aust. Delessert, 1841, Rec. Coq. Lam., pl. 10, fig. 12. (H.248).

GLYCYDONTA Cotton, 1936, Rec. South Aust. Mus., 5, p. 502. O.T. *marica* Linne.

372. *marica* Linne, 1758, Syst. Nat., 10 ed., p. 685. East Indies. Reeve, 1863, Conch. Icon., 14, *Venus*, pl. 22, fig. 104 a (H.236).

VEREMOLPA Iredale, 1930, Rec. Aust. Mus., 17, p. 397. O.T. *ethica* Iredale.

373. *ethica* Iredale, 1930, Rec. Aust. Mus., 17, p. 397, pl. 62, figs. 3-4. Port Stephens, N.S.W. (H.237).

CHIONERYX Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, p. 210. H.T. *cardioides* Lamarck.

374. *cardioides* Lamarck, 1818, Hist. Anim. s. Vert., 5, p. 486. King George's Sound, W.A. (= *striatissima* Sowerby, 1853, Thes. Conch., 2, p. 718, pl. 157, figs. 103-105) (H.238).

PLACAMEN Iredale, 1925, Rec. Aust. Mus., 14, pp. 248, 255. O.T. *placidum* Philippi.

375. *placidum molimen* Iredale, 1925, Rec. Aust. Mus., 14, p. 256. Twofold Bay, N.S.W. Not figured. Cf. *placidum* Philippi, 1844, Abbild. Beschr. Conchyl. 1, p. 128, *Venus*, p. 6, pl. 2, fig. 2 (H.239).

376. *sidneyense* Menke, 1858, Zeit. Malak. (Menke), 1858, p. 15. Port Jackson, N.S.W. New name for *Venus dysera* Sowerby, 1853, Thes. Conch., 2, p. 723, pl. 157, fig. 119 (not *Venus dysera* Linne, 1758) (H.240).

CALLANAITIS Iredale, 1917, Proc. Malacol. Soc., 12, pp. 322, 329. O.T. *Venus yatei* Gray.

377. *disjecta* Perry, 1811, Conchology, pl. 58, fig. 3. Tasmania (H.241).

BASSINA Jukes Browne, 1914, Proc. Malacol. Soc., 11, p. 81. O.T. *pachyphylla* Jonas.

378. *pachyphylla* Jonas, 1838, Arch. fur Nat. (Wiegmann), 5, (1), p. 344, pl. 9, figs. 6-7. Western Australia (H.243).

379. *jacksoni* Smith, 1885, Rep. Sci. Res. Challenger, Zool., 13, p. 123, pl. 3, fig. 2. Port Jackson, N.S.W., 4-18 fm. (H.242).

GOMPHINA Moerch, 1853, Cat. Conch. Yoldi., 2, p. 19. H.T. *undulosa* Lamarck.

380. *fulgida* Hedley, 1918, J. Proc. Roy. Soc. N.S.W., 51, Suppl., M. 24. N.S.W. Sowerby, 1853, Thes. Conch., 5, pl. 158, fig. 145 (*undulosa*, not of Lamarck, 1818) (H.244).

CLEMENTIA Gray 1847, Proc. Zool. Soc. Lond., 1847, p. 184. O.T. *papyracea* Gray.

381. *strangei* Deshayes, 1854, Proc. Zool. Soc. Lond., 1853, p. 17. Moreton Bay, south Queensland. Allan, 1950, Aust. Shells, p. 331, pl. 37, fig. 11 (H.245).

382. *moretonensis* Deshayes, 1854, Proc. Zool. Soc. Lond., 1853, p. 18. Moreton Bay, south Queensland. Allan, 1950, Aust. Shells, p. 338, text fig. 78 (H.246).

*Family* PAPHIIDAE

ACRITOPAPHIA Iredale, 1936, Rec. Aust. Mus., 19, p. 280. O.T. *transfusa* Iredale.

383. *transfusa* Iredale, 1936, Rec. Aust. Mus., 19, p. 280, pl. 20, fig. 12. Sydney, N.S.W. (H.249).

PARATAPES Stoliczka, 1871, Cret. Pal. India, p. 144. H.T. *textile* Gmelin.

384. *scordalus* Iredale, 1936, Rec. Aust. Mus., 19, p. 279, pl. 20, fig. 11. Sydney, N.S.W. (H.251).

PAPHIA Bolten-Roding, 1798, Mus. Bolten, pt. 2, p. 175. L.T. (Dall, 1902, Proc. U.S. Nat. Mus., 26, p. 362) *alapapilionis* Bolten-Roding.

385. *semirugata* Philippi, 1847, Zeit. Malak. (Menke), 4, p. 88. No loc. Philippi, 1848, Abbild. Beschr. Conchyl., 3, p. 76, *Venus*, p. 24, pl. 7, fig. 4. Allan, 1950, Aust. Shells, p. 334, col. pl. 39, fig. 11 (H.250).

TAPES Megerle-Muhlfeldt, 1811, Ges. Nat. Freund. Mag. Berlin, 5, p. 51. H.T. *literatus* Linne.

386. *watlingi* Iredale, 1958, Proc. Roy. Zool. Soc. N.S.W., 1956-7, p. 104. Port Hacking, N.S.W. Aust. Mus. Mag., 1925, 2, p. 287, fig. in text. Allan, 1950, Aust. Shells, p. 333, pl. 37, fig. 5 (*turgida*, not of Lamarck, 1822) (H.252).

387. *fabagella* Deshayes, 1853, Cat. Conch. Brit. Mus., p. 182. New Zealand. Reeve, 1864, Conch. Icon., 14, *Tapes*, pl. 13, fig. 66. Allan, 1950, Aust. Shells, p. 335, text fig. 78, fig. 3 (H.254).

388. *iridescens* Tate, 1889, Trans. Roy. Soc. South Aust., 2, p. 61, pl. 2, fig. 10. Kangaroo Island, South Australia. Kerslake, 1957, Proc. Roy. Zool. Soc. N.S.W., 1955-6, p. 112.

389. *galactites* Lamarck, 1818, Hist. Anim. s. Vert., 5, p. 599. King George's Sound, south-west Australia. Cotton and Godfrey, 1938, Moll. South Aust., pt. 1, Pelecypoda, p. 248, fig. 275, on p. 246 (H.255).

*Family* IRIDAE

NOTIRUS Finlay, 1928, Trans. New Zeal. Inst., 59, p. 278. O.T. *reflexus* Gray.

390. *crenatus* Lamarck, 1818, Hist. Anim. s. Vert., 5, p. 508. New Holland. Delessert, 1841, Rec. Coq. Lam., pl. 5, fig. 2. Allan, 1950, Aust. Shells, p. 335, text fig. 3, on p. 333 (H.253).

CLAUDICONCHA Fischer, 1887, Man. de Conchyl., p. 1087. H.T. *monstrosa* Dillwyn.

391. *cumingii* Sowerby, 1854, Thes. Conch., 2, p. 768, pl. 164, fig. 12. No loc. = South Australia (H.256).

VELARGILLA Iredale, 1931, Rec. Aust. Mus., 18, p. 207. O.T. *rubiginosa* A. Adams and Angas.

392. *rubiginosa* A. Adams and Angas, 1864, Proc. Zool. Soc. Lond., 1863, p. 425, pl. 37, fig. 17. Port Jackson, N.S.W. (H.257).

*Family* GLAUCONOMIDAE

GLAUCONOMETTA Iredale, 1936, Rec. Aust. Mus., 19, p. 281. O.T. *plankta* Iredale.

393. *plankta* Iredale, 1936, Rec. Aust. Mus., 19, p. 281, pl. 20, fig. 6. Sydney, N.S.W. (H.258).

*Family* TELLINIDAE

TELLINOTA Iredale, 1936, Rec. Aust. Mus., 19, p. 281. O.T. *roseola* Iredale.

394. *roseola* Iredale, 1936, Rec. Aust. Mus., 19, p. 281, pl. 20, fig. 18. Byron Bay, N.S.W. (H.259).

PHARAONELLA Lamy, 1918, Bull. Mus. Hist. Nat. (Paris), 24, p. 31. T.T. *pharaonis* Hanley.

395. *astula* Hedley, 1917, Proc. Linn. Soc. N.S.W., 41, p. 691, pl. 52, figs. 42-43, Port Jackson, N.S.W. (H.260).

396. *beryllina* Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, p. 211. New name for *Tellina inaequivalvis* Sowerby, 1867, Conch. Icon. (Reeve), 17, *Tellina,* pl. 26, fig. 139 (not *T. inaequivalvis* Linne). Moreton Bay, Queensland (H.262).

SEMELANGULUS Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, p. 212. O.T. *tenuilirata* Sowerby.

397. *tenuiliratus* Sowerby, 1867, Conch. Icon. (Reeve), 17, *Tellina,* pl. 39, fig. 219. Port Jackson, N.S.W. (= *semitorta* Sowerby, 1867, Conch. Icon. (Reeve), 17, *Tellina,* pl. 39, fig. 221. Port Jackson, N.S.W.) (H.263, 264).

398. *unifasciatus* Sowerby, 1867, Conch. Icon. (Reeve), 17, *Tellina,* pl. 29, fig. 156. Port Jackson, N.S.W. (H.265).

399. *brazieri* Sowerby, 1867, Conch. Icon. (Reeve), 17, *Tellina,* pl. 55, fig. 323. Port Jackson, N.S.W. (H.261).

400. *lilium* Hanley, 1844, Proc. Zool. Soc. Lond., 1844, p. 147. Philippine Isles. Sowerby, 1846, Thes. Conch., 1, p. 303, pl. 58, fig. 35. Angas, 1867, Proc. Zool. Soc. Lond., 1867, p. 919 (Lane Cove, Port Jackson, N.S.W.) (H.267).

401. *subdilutus* Tate, 1887, Trans. Roy. Soc. South Aust., 9, p. 65, pl. 4, fig. 9. Encounter Bay, South Australia. Cotton and Godfrey, 1938, Moll. South Aust., pt. 1, Pelecypoda, p. 255, fig. 287. (Not Allan, 1950, Aust. Shells, p. 338, text fig. 79, fig. 7, which is *vincentiana* Tate) (H.263).

QUADRANS Bertin, 1878, Nouv. Arch. Mus. Paris, (2), 1, pp. 229, 265. O.T. *gargadia* Linne.

402. *parvitas* Iredale, 1931, Rec. Aust. Mus., 18, p. 207, pl. 22, figs. 10-12. Sydney, N.S.W.

OBTELLINA Iredale, 1929, Mem. Queensland Mus., 9, p. 266. O.T. *bougei* Sowerby.

403. *bougei* Sowerby, 1909, Proc. Malacol. Soc., 8, p. 200, fig. in text. Ile Monac, New Caledonia.

PRISTIPAGIA Iredale, 1936, Rec. Aust. Mus., 19, p. 281. O.T. *gemonia* Iredale.

404. *gemonia* Iredale, 1936, Rec. Aust. Mus., 19, p. 281, pl. 21, fig. 6. Sydney, N.S.W. (H.272).

PUNIPAGIA Iredale, 1930, Rec. Aust. Mus., 17, p. 398. O.T. *subelliptica* Sowerby (= *hypelliptica* Salisbury).

405. *hypelliptica* Salisbury, 1934, Proc. Malacol. Soc., 21, p. 89. New name for *Tellina subelliptica* Sowerby, 1867, Conch. Icon. (Reeve), 17, *Tellina,* pl. 39, fig. 220. Port Jackson, N.S.W., 3 fm. (not *T. subelliptica* Meek and Hayden, 1864) (H.273).

PSEUDARCOPAGIA Bertin, 1879, Nouv. Arch. Mus. Paris, (2), 1, pp. 229, 264. L.T. (Martens, 1881, Zool. Record, 1879, Moll. p. 95) *decussata* Lamarck (= *victoriae* Gatliff and Gabriel).

406. *botanica* Hedley, 1918, J. Proc. Roy. Soc. N.S.W., 51, suppl. M. 27. Port Jackson, N.S.W. Hedley, 1923, Proc. Linn. Soc. N.S.W., 48, p. 305, pl. 31, figs. 17, 19 (H.274).

MACOMONA Finlay, 1927, Trans. New Zeal. Inst., 57, p. 466. O.T. *liliana* Iredale.

407. *tristis* Deshayes, 1855, Proc. Zool. Soc. Lond., 1854, p. 361. Sowerby, 1846, Thes. Conch., 1, pl. 64, fig. 299 (*deltoidalis,* not of Lamarck, 1818) (H.269).

408. *semifossilis* Sowerby, 1867, Conch. Icon. (Reeve), 17, *Tellina,* pl. 41, fig. 237. Port Jackson, N.S.W. (H.270).

409. *semiplana* Sowerby, 1867, Conch. Icon. (Reeve), 17, *Tellina,* pl. 39, fig. 222. New South Wales (H.271).

410. *tortuosa* Sowerby, 1867, Conch. Icon. (Reeve), 17, *Tellina,* pl. 39, fig. 224. Port Jackson, N.S.W. (H.268).

PINGUIMACOMA Iredale, 1936, Rec. Aust. Mus., 19, p. 282. O.T. *hemicilla* Iredale.

411. *hemicilla* Iredale, 1936, Rec. Aust. Mus., 19, p. 282, pl. 21, fig. 7. Sydney, N.S.W.

*Family* STRIGILLIDAE

AERETICA Dall, 1900, Trans. Wagner Free Inst., 3, p. 1038. O.T. *senegalensis* Hanley.

412. *euronia* Hedley, 1908, Proc. Linn. Soc. N.S.W., 33, p. 473, pl. 9, figs. 22-23. Moreton I., south Queensland (H.266).

*Family* SEMELIDAE

THEORA H. and A. Adams, 1856, Gen. Rec. Moll., 2, p. 369. L.T. (Stoliczka, 1871, Cret. Pal. Indica, 3, p. xvii) *lata* Hinds.

413. *fragilis* A. Adams, 1856, Proc. Zool. Soc. Lond., 1855, p. 226. Moreton Bay, Queensland. Hedley, 1902, Proc. Linn. Soc. N.S.W., 26, p. 706, pl. 34, figs. 4, 5, 6 (H.275).

414. *pura* Angas, 1871, Proc. Zool. Soc. Lond.,

871, p. 20, pl. 1, fig. 30. Lane Cove, Port Jackson, N.S.W. (H.276).

BRANDA Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, pp. 182, 212. H.T. *rex* Iredale.

415. *rex* Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, p. 182, 212. New name for *Tellina elliptica* Sowerby, 1867, Conch. Icon. (Reeve), 17, *Tellina,* pl. 39, fig. 223 (not *T. elliptica* Brocchi, 1814, nor Lamarck, 1818). Sydney, N.S.W. Smith, 1884, Zool. Coll. Alert, p. 99, pl. 7, fig. C (H.277).

416. *simplex* Sowerby, 1867, Conch. Icon. (Reeve), 17, *Tellina,* pl. 41, fig. 240. Sydney, N.S.W. (H.278).

*Family* GARIIDAE

MILLIGARETTA Iredale, 1936, Rec. Aust. Mus., 19, p. 282. O.T. *venta* Iredale.

417. *venta* Iredale, 1936, Rec. Aust. Mus., 19, p. 282, pl. 21, fig. 8. Sydney, N.S.W. (H.280).

418. *menkeana* Deshayes, 1855, Proc. Zool. Soc. Lond., 1854, p. 319. Moreton Bay, Queensland. Reeve, 1857, Conch. Icon., 10, *Psammobia,* pl. 6, fig. 43 (H.279).

419. *modesta* Deshayes, 1855, Proc. Zool. Soc. Lond., 1854, p. 319. Moreton Bay, Queensland. Reeve, 1857, Conch. Icon., 10, *Psammobia,* pl. 1, fig. 3 (H.282).

420. *togata* Deshayes, 1855, Proc. Zool. Soc. Lond., 1854, p. 319. Philippine Is. Reeve, 1856, Conch. Icon., 10, *Psammobia,* pl. 2, fig. 14. Allan, 1950, Aust. Shells, p. 342, text fig. 80, p. 341, fig. 7 (H.283).

421. *livida* Lamarck, 1818, Hist. Anim. s. Vert., 5, p. 515. "West Australia" = Tasmania. Dautzenberg and Fischer, 1914, J. de Conch., 61, p. 224, pl. 7, figs. 4-6 (type figured) (H.281).

FLAVOMALA Iredale, 1936, Rec. Aust. Mus., 19, p. 283. O.T. *biradiata* Wood.

422. *biradiata* Wood, 1815, General Conch., p. 135, pl. 33, fig. 1. Western Australia (H.284).

FLORISARKA Iredale, 1936, Rec. Aust. Mus., 19, p. 283. O.T. *onuphria* Iredale.

423. *onuphria* Iredale, 1936, Rec. Aust. Mus., 19, p. 283, pl. 20, fig. 14. Manly, N.S.W. (H.285).

HETEROGLYPTA Martens, 1880, Beitr. Meeresf. Maurit., p. 331. H.T. *contraria* Deshayes.

424. *hedleyi* Iredale, 1929, Mem. Queensland Mus., 9, p. 265. Nambucca River, north N.S.W. Based on Hedley, 1901, Proc. Linn. Soc. N.S.W., 1900, p. 731, pl. 48, figs. 4-8 (*contraria,* not of Deshayes, 1863) (H.286).

*Family* DONACIDAE

PLEBIDONAX Iredale, 1930, Rec. Aust. Mus., 17, p. 398. O.T. *deltoides* Lamarck.

425. *deltoides* Lamarck, 1818, Hist. Anim. s. Vert., 5, p. 547. Kangaroo I., South Australia. Reeve, 1854, Conch. Icon., 8, *Donax,* pl. 1, fig. 4 (H.288).

LATONA Schumacher, 1817, Essai nouv. Syst. Test., pp. 52, 156. H.T. *cuneata* Linne.

426. *faba* Gmelin, 1791, Syst. Nat., pt. 6, p. 3264. Malabar Coast. Roemer, 1869, Conch. Cab. (cont.), 10, Abt. 3, p. 88, pl. 2, figs. 12-17 (= *radians* Angas, 1877, Proc. Zool. Soc. Lond., 1877, p. 191) (H.289).

DELTACHION Iredale, 1930, Rec. Aust. Mus., 17, p. 398. O.T. *virilis* Iredale.

427. *brazieri* Smith, 1892, Proc. Zool. Soc. Lond., 1891, p. 491, pl. 40, fig. 10. Richmond River, N.S.W. (H.287).

428. *virilis* Iredale, 1930, Rec. Aust. Mus., 17, p. 398, pl. 62, figs. 5-6. Manly, N.S.W.

TENTIDONAX Iredale, 1930, Rec. Aust. Mus., 17, p. 398. O.T. *veruinus* Hedley.

429. *veruinus* Hedley, 1913, Proc. Linn. Soc. N.S.W., 38, p. 274. New name for *Donax nitida* Reeve, 1854, Conch. Icon., 8, *Donax,* pl. 6, fig. 34. Moreton Bay, Queensland (not *D. nitida* Lamarck, 1806) (H.290).

*Family* SOLECURTIDAE

SOLECURTUS Blainville, 1824, Dict. Sci. Nat. (Levr.), 32, p. 351. L.T. (Deshayes, Dict. Class. d'Hist. Nat., 1829, 15, p. 482) *strigilatus* Linne. (*Psammosolen* olim.)

430. *leone* Woolacott, 1954, Proc. Roy. Zool. Soc. N.S.W., 1952-3, p. 39, figs. 3-5. Off Ulladulla, N.S.W., 40-45 fm.

431. *australis* Deshayes, 1862, Proc. Zool. Soc. Lond., 1861, p. 424. Moreton Bay, Queensland. Sowerby, 1874, Conch. Icon. (Reeve), 19, *Solecurtus,* pl. 2, fig. 10.

*Family* SOLENIDAE

NEOSOLEN Ghosh, 1920, Rec. Ind. Mus., 19, p. 57. H.T. *aquaedulcioris* Ghosh.

432. *correctus* Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, p. 213. Sydney, N.S.W. Based on Hedley, 1899, Proc. Linn. Soc. N.S.W., 24, p. 432, fig. 3 in text (*sloanii,* not of Hanley, 1842) (H.291).

433. *vaginoides* Lamarck, 1818, Hist. Anim. s. Vert., 5, p. 451. South Tasmania. Delessert, 1841, Rec. Coq. Lamarck, pl. 2, fig. 3.

*Family* ENSIIDAE

ENSICULUS H. Adams, 1860, Proc. Zool. Soc. Lond., 1860, p. 369. H.T. *cultellus* Linne.

434. *hilaris* Iredale, 1936, Rec. Aust. Mus., 19, p. 284, pl. 20, fig. 15. Sydney, N.S.W. (H.292).

*Family* MACTRIDAE

AUSTROMACTRA Iredale, 1930, Rec. Aust. Mus., 17, p. 400. O.T. *caloundra* Iredale.

435. *contraria* Reeve, 1854, Conch. Icon., 8, *Mactra*, pl. 17, fig. 86. Tasmania (H.293).

436. *caloundra* Iredale, 1930, Rec. Aust. Mus., 17, p. 401, pl. 63, figs. 1-2. Caloundra, South Queensland.

437. *eximia* Reeve, 1854, Conch. Icon., 8, *Mactra*, pl. 8, fig. 31. Moreton Bay, Queensland (H.294).

NANNOMACTRA Iredale, 1930, Rec. Aust. Mus., 17, p. 400. O.T. *jacksonensis* Smith.

438. *jacksonensis* Smith, 1885, Rep. Sci. Res. Challenger, Zool., 13, p. 62, pl. 5, fig. 9. Port Jackson, N.S.W., 2-10 fm. (H.295).

439. *pusilla* A. Adams, 1855, Proc. Zool. Soc. Lond., 1855, p. 226. Moreton Bay, Queensland. Smith, 1885, Rep. Sci. Res. Challenger, Zool., 13, p. 6, pl. 5, fig. 8 (H.298).

ELECTOMACTRA Iredale, 1930, Rec. Aust. Mus., 17, p. 400. O.T. *parkesiana* Hedley (not *Electromactra* as cited in the Zool. Rec., 1930).

440. *antecedens* Iredale, 1930, Rec. Aust. Mus., 17, p. 401, pl. 64, figs. 1-3. Port Hacking, N.S.W. (H.296).

441. *parkesiana* Hedley, 1902, Proc. Linn. Soc. N.S.W., 27, p. 8, pl. 1, figs. 5-9. Port Jackson, N.S.W. (H.297).

NOTOSPISULA Iredale, 1930, Rec. Aust. Mus., 17, p. 400. O.T. *parva* Petit.

442. *parva producta* Angas, 1867, Proc. Zool. Soc. Lond., 1867, p. 909, pl. 44, fig. 7. Johnson Bay and Parramatta River, Port Jackson, N.S.W. (H.299).

443. *cretacea* Angas, 1868, Proc. Zool. Soc. Lond., 1867, p. 909, pl. 44, fig. 6. Port Stephens, N.S.W. (= *fluviatilis*, id. ib., 1871, p. 20, pl. 1, fig. 31. Hawkesbury River, N.S.W., brackish 2 fm.).

DISTUGONIA Iredale, 1936, Rec. Aust. Mus., 19, p. 283. O.T. *inopinata* Iredale.

444. *inopinata* Iredale, 1936, Rec. Aust. Mus., 19, p. 283, pl. 21, figs. 9, 9 a. Sydney, N.S.W.

RAETA Gray, 1853, Ann. Mag. Nat. Hist., (2), 11, p. 43. O.T. *canaliculata* Gray.

445. *meridionalis* Tate, 1889, Trans. Roy. Soc. South Aust., 11, p. 61, pl. 11, fig. 3. Aldinga Bay, South Australia. Hedley, 1900, Proc. Linn. Soc. N.S.W., 25, p. 497, pl. 25, figs. 5-9 (H.300).

LUTRARIA Lamarck, 1799, Mem. Soc. Nat. Hist. Paris, p. 85. O.T. *lutraria* Linne.

446. *rhynchaena* Jonas, 1844, Zeit. f. Malak., 1, p. 34. Western Australia. Reeve, 1854, Conch. Icon., 8, *Lutraria*, pl. 4, fig. 16 (H.301).

MEROPESTA Iredale, 1929, Mem. Queensl. Mus., 9, p. 268. O.T. *meridiana* Iredale.

447. *meridiana* Iredale, Mem. Queensl. Mus., 9, p. 268. Lake Macquarie, N.S.W. Allan, 1950, Aust. Shells, p. 350, pl. 41, fig. 19 (opp. p. 400) (H.302).

VENATOMYA Iredale, 1930, Rec. Aust. Mus., 17, p. 403. O.T. *elliptica* A. Adams.

448. *elliptica* A. Adams, 1851, Proc. Zool. Soc. Lond., 1850, p. 88. Sydney, N.S.W., 4 fm. Hedley, 1913, Proc. Linn. Soc. N.S.W., 38, p. 275, pl. 17, figs. 40-44 (H.307).

ZENATIOPSIS Tate, 1879, Trans. Proc. Phil. Soc. South Aust., 2, p. 129. O.T. *angustata* Tate.

449. *victoriae* Pritchard and Gatliff, 1903, Proc. Roy. Soc. Vict., 16, (n.s.), p. 92, pl. 15, fig. 3. Port Albert, Victoria (H.303).

*Family* AMPHIDESMATIDAE

AMESODESMA Iredale, 1930, Rec. Aust. Mus., 17, p. 402, O.T. *perfuga* Iredale.

450. *angusta* Reeve, 1854, Conch. Icon., 8, *Amphidesma*, pl. 1, fig. 3. "North Australia" (= N.S.W.) (H.304).

451. *perfuga* Iredale, 1930, Rec. Aust. Mus., 17, p. 402, pl. 63, fig. 9. Port Hacking, N.S.W.

452. *cuneata vanidica*, 1930, Iredale, Rec. Aust. Mus., 17, p. 402. Port Hacking, N.S.W. Allan, 1950, Aust. Shells, p. 351, text fig. 83, fig. 2 (H.305).

SPONDERVILIA Iredale, 1930, Rec. Aust. Mus., 17, p. 402. O.T. *australis* Angas.

453. *australis* Angas, 1877, Proc. Zool. Soc. Lond., 1877, p. 175, pl. 26, fig. 21. Port Jackson, N.S.W. Laseron, 1953, Rec. Aust. Mus., 23, p. 52, figs. 44 a, b (H.306).

454. *rubra* Laseron, 1953, Rec. Aust. Mus., 23, p. 52, figs. 42, 42 a, 42 b. Long Reef, Sydney, N.S.W.

455. *simplex* Laseron, 1953, Rec. Aust. Mus., 23, p. 53, figs. 43, 43 a. Manly, N.S.W.

BENTHOQUETIA Iredale, 1930, Rec. Aust. Mus., 17, p. 403. O.T. *integra* Hedley (= *Austroquetia* Cotton, 1930, Rec. South Aust. Mus., 4, p. 239. H.T. *integra* Hedley).

456. *integra* Hedley, 1907, Rec. Aust. Mus., 6, p. 364, pl. 66, figs. 7-10. Off Sydney, N.S.W., 250 fm. (H.308).

*Family* ALOIDIDAE

NOTOCORBULA Iredale, 1930, Rec. Aust. Mus., 17, p. 404. O.T. *vicaria* Iredale.

457. *smithiana* Brazier, 1879, Proc. Linn. Soc. N.S.W., 4, p. 388. Port Jackson, N.S.W. New name for *Corbula venusta* Angas, 1871, Proc. Zool. Soc. Lond., 1871, p. 20, pl. 1, fig. 29 (not *C. venusta* Gould, 1861) (H.309).

458. *coxi* Pilsbry, 1897, Proc. Acad. Nat. Sci. Philad., 1897, p. 363, pl. 9, figs. 1-3. Sydney, N.S.W.

459. *stolata* Iredale, 1930, Rec. Aust. Mus., 17, p. 405, pl. 65, figs. 1-2, 7. Port Albert, Victoria.

460. *vicaria* Iredale, 1930, Rec. Aust. Mus., 17, p. 304, pl. 65, figs. 8-9. Sydney, N.S.W. (H.310).

*Family* HIATELLIDAE

HIATELLA Bosc. 1801, Hist. Nat. (Buffon), ed. Deterville, Moll., 3, p. 120. H.T. *arctica* Linne (= *Saxicava* olim).

461. *australis* Lamarck, 1818, Hist. Anim. s. Vert., 5, p. 502. Kangaroo I., S.A. (= *angasi* Angas, 1865, Proc. Zool. Soc. Lond., 1865, p. 643. Port Lincoln, South Australia). Sowerby, 1875, Conch. Icon. (Reeve), 20, *Saxicava*, pl. 2, fig. 11 (H.311, 311 a).

*Family* PANOPEIDAE

PANOPE Menard, 1807, Nouv. Genre Coq. Biv., p. 31. H.T. *aldrovandi* Menard.

462. *australis* Sowerby, 1833, Genera Shells, pl. 32, fig. 2. New South Wales (= *angusta* Hedley, 1915, Proc. Linn. Soc. N.S.W., 39, p. 705, pl. 80, figs. 40-42. Queensland = *hedleyi* Finlay, 1927, Trans. New Zeal. Inst., 57, p. 332, aberration only) (H.312, 313).

*Family* GASTROCHAENIDAE

CUCURBITULA Gould, 1861, Proc. Bost. Soc. Nat. Hist., 8, p. 22. H.T. *lagenula* Gould.

463. *pupina* Deshayes 1855, Proc. Zool. Soc. Lond., 1854, p. 326. Moreton Bay, Queensland. Sowerby, 1878, Conch. Icon. (Reeve), 20, *Gastrochæna*, pl. 3, fig. 17.

464. *tasmanica* Tenison-Woods, 1876, Proc. Roy. Soc. Tasm., 1876, p. 159. South Tasmania. Id. 1881, Trans. Roy. Soc. South Aust., 4, p. 81, pl. 5, figs. 10 a, b. C. F. and J. Laseron, 1952, Proc. Roy. Zool. Soc. N.S.W., 1951-2, p. 49. Port Jackson, N.S.W.

*Family* PHOLADIDAE

BARNEA Risso, 1826, Hist. Nat. Europ. Merid., 4, p. 376. H.T. *spinosa* Risso.

465. *australasiae* Sowerby, 1849, Thes. Conch., 2, p. 488, pl. 106, fig. 73. Sydney, N.S.W. (H.314).

466. *obturamentum* Hedley, 1893, Rec. Aust. Mus., 2, p. 55, pl. 14, figs. 1-3. Sydney, N.S.W. (H.315).

MARTESIA Blainville, 1825, Man. Malac., p. 632. H.T. *clavata* Lamarck.

467. *striata* Linne, 1758, Syst. Nat., 10 ed., p. 669. Southern Europe. Sowerby, 1849, Thes. Conch., 2, p. 494, pl. 104, figs. 40-42 (H.316).

PHOLADOPSIS Conrad, 1849, Proc. Acad. Nat. Sci. Philad., 4, p. 156. H.T. *pectinata* Conrad.

468. *cumingii* Sowerby, 1849, Thes. Conch., 2, p. 502, pl. 106, figs. 56-57. Philippine Islands. Angas, 1877, Proc. Zool. Soc. Lond., 1877, p. 190. (Port Jackson. N.S.W.) (H.317).

*Family* TEREDINIDAE

TEREDO Linne, 1758, Syst. Nat., 10 ed., p. 651. L.T. (Anton, 1838, Verz. Conch., p. 1) *navalis* Linne.

469. *austini* Iredale, 1932, Destr. Timber Mar. Organ., p. 30, pl. 1, figs. 5-8. Port Jackson, N.S.W.

470. *shawi* Iredale, 1932, Destr. Timber Mar. Organ., p. 29, pl. 1, figs. 1-4. Port Jackson, N.S.W.

471. *balatro* Iredale, 1932, Destr. Timber Mar. Organ., p. 31, pl. 2, figs. 4, 7. Port Jackson, N.S.W.

472. *pertingens* Iredale, 1932, Destr. Timber Mar. Organ., p. 31, pl. 2, figs. 8-11. Port Jackson, N.S.W.

NOTOTEREDO Bartsch, 1923, Proc. Biol. Soc. Wash., 36, p. 100. O.T. *edax* Hedley.

473. *edax* Hedley, 1894, Proc. Linn. Soc. N.S.W., 19, p. 501, pl. 32, figs. 1-5. Port Adelaide, South Australia. Iredale, 1932, Destr. Timber Mar. Organ., p. 32, pl. 2, figs. 1-3 (H.318).

474. *remifer* Iredale, 1932, Destr. Timber Mar. Organ., p. 32, pl. 3, figs. 1-4. Port Jackson, N.S.W.

BANKIA Gray, 1847, Proc. Zool. Soc. Lond., 1847, p. 188. O.T. *bipalmulata* Lamarck.
Subgenus *Deviobankia* Iredale, 1932, Destr. Timber Mar. Organ., p. 33. O.T. *debenhami* Iredale.

475. *debenhami* Iredale, 1932, Destr. Timber Mar. Organ., p. 34, pl. 3, figs. 5-8. Port Jackson, N.S.W.

476. *rosenthali* Iredale, 1932, Destr. Timber Mar. Organ., p. 35, pl. 3, figs. 9-12. Port Jackson, N.S.W.

477. *archimima* Iredale, 1932, Destr. Timber Mar. Organ., p. 35, pl. 4, figs. 5-8. Port Jackson, N.S.W.

478. *occasiuncula* Iredale, 1932, Destr. Timber Mar. Organ., p. 36, pl. 4, figs. 1-4. Port Jackson, N.S.W.

NAUSITORA Wright, 1864, Trans. Linn. Soc. Lond., 24, p. 452, pl. 46. H.T. *dunlopei* Wright.
Subgenus *Inequarista* Iredale, 1932, Destr. Timber Mar. Organ., p. 37. O.T. *messeli* Iredale.

479. *messeli* Iredale, 1932, Destr. Timber Mar. Organ., p. 37, pl. 4, figs. 9-12. Port Jackson, N.S.W. (H.319).

*Class* AMPHINEURA

*Order* LORICATA

[Ref.:—Iredale and Hull, 1927, Monograph Austr. Loricates. Figures of all species.]

*Family* ISCHNOCHITONIDAE

ISCHNOCHITON Gray, 1847, Proc. Zool. Soc. Lond., 1847, p. 126. L.T. (id. ib. p. 168) *textilis* Gray.

480. *elongatus crispus* Reeve, 1847, Conch. Icon., 4, *Chiton*, pl. 19, fig. 120. Port Jackson, N.S.W. (H.346).

481. *examinandus* Hull, 1923, Aust. Zool., 3, p. 160, pl. 25, figs. 1-4. Long Reef, near Sydney, N.S.W.

482. *versicolor* Sowerby, 1840, Mag. Nat. Hist. (Charles), 4, p. 292. Newcastle, N.S.W. Iredale and Hull, 1927, op. cit., p. 17, pl. 2, fig. 1b (H.349).

483. *tateanus paradisiacus* Iredale and Hull, 1924, Aust. Zool., 3, p. 236. Disaster Bay, N.S.W. Not figured. Cf. *tateanus* Bednall, 1897, Proc. Malacol. Soc., 2, p. 147, pl. 12, fig. 3 and text fig. (South Australia).

SUBTERENOCHITON Iredale and Hull, 1924, Aust. Zool., 3, p. 22. O.T. *gabrieli* Hull.

484. *gabrieli* Hull, 1912, Proc. Roy. Soc. Vict., 25, (n.s.), p. 120, pl. 8, fig. 1. Western Port, Victoria.

HETEROZONA Dall., 1878, Proc. U.S. Nat., Mus., 1878, p. 331. H.T. *cariosa* Pilsbry.

485. *fruticosa* Gould, 1846, Proc. Bost. Soc. Nat. Hist., 2, p. 142. Port Jackson, N.S.W. Gould, 1859, U.S. Expl. Exped. Moll., p. 319, Atlas, pl. 28, fig. 428 (H.347).

ISCHNORADSIA Shuttleworth, 1853, Mitt. Nat. Gesell. Berne, 1853, p. 65. H.T. *australis* Sowerby.

486. *australis* Sowerby, 1840, Mag. Nat. Hist. (Charles w.), 4, p. 290. Port Jackson, N.S.W. Id., 1840, Conch. Illust., *Chiton*, fig. 46 (H.345).

HAPLOPLAX Pilsbry, 1894, Proc. Acad. Nat. Sci. Philad., 1894, p. 71. O.T. *smaragdina* Angas.

487. *smaragdina* Angas, 1867, Proc. Zool. Soc. Lond., 1867, p. 115, pl. 13, fig. 28. Port Jackson, N.S.W. (H.350).

488. *lentiginosa* Sowerby, 1840, Mag. Nat. Hist. (Charlesw.), 4, p. 293. Newcastle, N.S.W. Id., 1840, Conch. Illust., *Chiton*, fig. 120 (H.348).

489. *pura* Sykes, 1896, Proc. Malacol. Soc., 2, p. 88, pl. 6, figs. 3, 3 a. Port Phillip, Victoria.

## *Family* LEPIDOPLEURIDAE

TERENOCHITON Iredale, 1914, Proc. Malacol. Soc., 11, p. 28. O.T. *subtropicalis* Iredale.

490. *badius* Hedley and Hull, 1909, Rec. Aust. Mus., 7, p. 260, pl. 73, figs. 1-2. Port Jackson, N.S.W. (H.342).

491. *sperandus* Iredale and Hull, 1925, Aust. Zool., 3, p. 342, pl. 39, fig. 6. Off Ulladulla, N.S.W., 70 fm.

PARACHITON Thiele, 1909, Rev. Chitonen (Chun's Zoologica, Heft 56), pt. 1, p. 14. H.T. *acuminatus* Thiele.

492. *puppis* Hull, 1923, Aust. Zool., 3, p. 158, pl. 24, figs. 1-5. Port Jackson, N.S.W.

## *Family* LEPIDOCHITONIDAE

PARICOPLAX Iredale and Hull, 1929, Aust. Zool., 6, p. 87. O.T. *crocinus* Reeve.

493. *crocina* Reeve, 1847, Conch. Icon., 4, *Chiton*, pl. 22, fig. 146. Port Jackson, N.S.W. (Formerly *Callochiton* (= *Levicoplax*) *platessa* Gould, Iredale and Hull, 1927, op. cit., p. 51) (H.344).

## *Family* CALLISTOCHITONIDAE

CALLISTELASMA Iredale and Hull, 1925, Aust. Zool., 3, p. 351-2. O.T. *antiquus* Reeve.

494. *antiqua* Reeve, 1847, Conch. Icon., 4, *Chiton*, pl. 25, fig. 169. Port Jackson, N.S.W. (H.351).

## *Family* LORICIDAE

LORICA H. and A. Adams, 1852, Ann. Mag. Nat. Hist., (2), 9, p. 355. H.T. *cimolius* Reeve.

495. *volvox* Reeve, 1847, Conch. Icon., 4, *Chiton*, pl. 6, fig. 31. Sydney, N.S.W. (H.370).

LORICELLA Pilsbry, 1893, Man. Conch. (Tryon), 14, p. 238. H.T. *angasi* H. Adams and Angas.

496. *angasi* H. Adams and Angas, 1864, Proc. Zool. Soc. Lond., 1864, p. 193. Rapid Bay, South Australia. Pilsbry, 1893, Man. Conch. (Tryon), 14, p. 238, pl. 51, figs. 9-13 (= *torri* Ashby, 1919, Trans. Roy. Soc. South Aust., 43, p. 62, pl. 10. Port Jackson, N.S.W.) (H.371).

## *Family* CRYPTOCHITONIDAE

ACANTHOCHITONA Gray, 1821, London Med. Repository, 15, p. 234. H.T. *fascicularis* Linne.

497. *granostriata* Pilsbry, 1894, Nautilus, 8, p. 119. Port Jackson, N.S.W. Id., Proc. Acad. Nat. Sci. Philad., 1894, p. 81, pl. 2, figs. 1-6, pl. 4, fig. 57 (H.356).

498. *thackwayi* Ashby, 1924, Trans. Roy. Soc. South Aust., 48, p. 318, pl. 31, figs. 1-2. Port Stephens, N.S.W.

499. *coxi* Pilsbry, 1894, Nautilus, 7, p. 119. Id., Proc. Acad. Nat. Sci. Philad., 1894, p. 80, pls. 3 and 4. Port Jackson, N.S.W. (H.355).

500. *kimberi* Torr, 1913, Trans. Roy. Soc. South Aust., 36, p. 167, pl. 6, fig. 5. Kangaroo I., South Australia. Iredale and Hull, 1925, Aust. Zool., 4, p. 83 (Port Jackson, N.S.W.)

501. *pilsbryi* Sykes, 1896, Proc. Malacol. Soc., 2, p. 91, pl. 6, figs. 6, 6 a. Port Phillip, Victoria (H.357).

502. *maughaneana* Ashby, 1919, Trans. Roy. Soc. South Aust., 43, p. 395, pl. 12, fig. 4. Sydney Harbour, N.S.W.

503. *purpurata* Hull, 1923, Aust. Zool., 3, p. 196, pl. 27, fig. 2. Twofold Bay, N.S.W. (H.360).

504. *crocodilus debilior* Iredale and Hull, 1925, Aust. Zool., 4, p. 87, pl. 10, fig. 14. Port Jackson, N.S.W.

505. *aenigma* Iredale and Hull, 1925, Aust. Zool., 4, p. 87, pl. 10, figs. 21-23. Off Ulladulla, N.S.W., 70 fm.

METUROPLAX Pilsbry, 1894, Nautilus, 7, p. 107. O.T. *retrojecta* Pilsbry.

506. *retrojecta* Pilsbry, 1894, Nautilus, 7, p. 107. Id., Proc. Acad. Nat. Sci. Philad., 1894, p. 78, pl. 2, figs. 12-15. Port Jackson, N.S.W. (H.358).

NOTOPLAX H. Adams, Proc. Zool. Soc. Lond., 1861, p. 385. H.T. *speciosa* H. Adams.

507. *speciosa* H. Adams, 1861, Proc. Zool. Soc. Lond., 1861, p. 385. Tasmania. Pilsbry, 1893, Man. Conch. (Tryon), 15, p. 32, pl. 1, figs. 23-26.

508. *macandrewi* Iredale and Hull, 1925, Aust. Zool., 4, p. 92, pl. 10, figs. 4, 7, 10, 13, pl. 11, fig. 1. Shellharbour, N.S.W.

509. *costata* H. Adams and Angas, 1864, Proc. Zool. Soc. Lond., 1864, p. 194. Sydney, N.S.W. Pilsbry, 1893, Man. Conch. (Tryon), 15, p. 40, pl. 3, fig. 74 (H.354).

CRASPEDOPLAX Iredale and Hull, 1925, Aust. Zool., 4, p. 96. O.T. *variabilis* H. Adams and Angas.

510. *variabilis cambrica* Iredale and Hull, 1925, Aust. Zool., 4, p. 97. Port Jackson, N.S.W. Not figured. Cf. Iredale and Hull, 1925, Aust. Zool., 4, p. 97, pl. 11, figs. 29-34 (*variabilis* H. Adams and Angas) (H.359).

CHORIPLAX Pilsbry, 1894, Nautilus, 7, p. 139. H.T. *grayi* H. Adams and Angas.

511. *grayi* H. Adams and Angas, 1864, Proc. Zool. Soc. Lond., 1864, p. 194. Sydney, N.S.W. Angas, 1865, Proc. Zool. Soc. Lond., 1865, p. 58, pl. 11, fig. 16 (H.343).

*Family* CRYPTOPLACIDAE

CRYPTOPLAX Blainville, 1818, Dict. Sci. Nat. (Levr.), 12, p. 124. L.T. (Haddon, 1886, Rep. Sci. Res. Challenger, Zool., 15, p. 37) *larvaeformis* Burrow.

512. *mystica* Iredale and Hull, 1925, Aust. Zool., 4, p. 104, pl. 11, figs. 9, 19, 21, 22, 23, 27, 33. Port Jackson, N.S.W. (H.361).

513. *iredalei* Ashby, 1923, Trans. Roy. Soc. South Aust., 47, p. 238, pl. 19, fig. 4. Port Lincoln, South Australia.

*Family* PLAXIPHORIDAE

PONEROPLAX Iredale, 1914, Proc. Malacol. Soc. 11, p. 32. O.T. *costatus* Blainville.

514. *paeteliana* Thiele, 1909, Rev. Chitonen (Chun's Zoologica, Heft 56), pt. 1, p. 26, pl. 3, figs. 34-36. Port Jackson, N.S.W. (H.352, 353).

*Family* CHITONIDAE

DELICATOPLAX Iredale and Hull, 1926, Aust. Zool., 4, p. 170. O.T. *translucens* Hedley and Hull.

515. *translucens* Hedley and Hull, 1909, Rec. Aust. Mus., 7, p. 263, pl. 74, figs. 14-18. Port Jackson, N.S.W. (H.365).

RHYSSOPLAX Thiele, 1893, Das Gebiss der Schnecken (Troschel), 2, p. 368. H.T. *affinis* Issel.

516. *coxi* Pilsbry, 1894, Nautilus, 7, p. 119. Port Jackson, N.S.W. Hedley and Hull, 1909, Rec. Aust. Mus., 7, p. 261, pl. 73, figs. 3, 5 (H.362).

517. *jugosa* Gould, 1846, Proc. Bost. Soc. Nat. Hist., 2, p. 142. N.S.W. Id., 1852, U.S. Expl. Exped., Moll., p. 317, Atlas, pl. 28, fig. 430. Hedley and Hull, 1909, Rec. Aust. Mus., 7, p. 261, pl. 73, figs. 12-13. Port Jackson, N.S.W. (H.363).

518. *vauclusensis* Hedley and Hull, 1909, Rec. Aust. Mus., 7, p. 261, pl. 74, figs. 19-23. Port Jackson, N.S.W. (H.366).

MUCROSQUAMA Iredale and Hull, 1926, Aust. Zool., 4, p. 182. O.T. *carnosa* Angas.

519. *carnosa* Angas, 1867, Proc. Zool. Soc. Lond., 1867, p. 222 (= *Chiton muricatus* A. Adams, 1852, Proc. Zool. Soc. Lond., 1852, p. 91, pl. 16, fig. 6 (not *C. muricatus* Tilesius, 1824)). Port Jackson, N.S.W. (H.364).

SYPHAROCHITON Thiele, 1893, Das Gebiss der Schnecken (Troschel), 2, p. 365. H.T. *pelliserpentis* Quoy and Gaimard.

520. *septentriones* Ashby, 1925, Trans. Roy. Soc. South Aust., 48, p. 321. Port Stephens, N.S.W. Iredale and Hull, 1926, Aust. Zool., 4, p. 257, pl. 37, figs. 2, 4 and 29 (H.367).

LIOLOPHURA Pilsbry, 1893, Nautilus, 6, p. 105. O.T. *japonicus* Lischke.

521. *gaimardi* Blainville, 1825, Dict. Sci. Nat. (Levr.), 36, p. 546. Port Jackson, N.S.W. Hull, 1923, Aust. Zool., 3, p. 198, pl. 28, figs. 1-4 (H.369).

522. *gaimardi queenslandica* Pilsbry, 1894, Proc. Acad. Nat. Sci. Philad., 1894, p. 87. Bundaberg, Queensland. Hull, 1923, Aust. Zool., 3, p. 199, pl. 28, figs. 5-8.

ONITHOCHITON Gray, 1847, Proc. Zool. Soc. Lond., 1847, p. 65. L.T. (Gray, id. ib., p. 169) *undulatus* Q. & G. (= *neglectus* Rochebrune).

523. *quercinus* Gould, 1846, Proc. Bost. Soc. Nat. Hist., 2, p. 142. Port Jackson, N.S.W. Id., 1852 U.S. Expl. Exped., Moll., p. 312, Atlas, pl. 12, fig 437 (H.372).

LUCILINA Dall, 1881, Proc. U.S. Nat. Mus., 4, pp. 284, 287. H.T. *confossus* Gould.

524. *carpenteri* Angas, 1867, Proc. Zool. Soc Lond., 1867, p. 116, pl. 13, fig. 30. Port Jackson, N.S.W. (Not since recognised!) (H.368).

*Class* GASTROPODA

*Subclass* PROSOBRANCHIA

*Order* ARCHAEOGASTROPODA

*Suborder* RHIPIDOGLOSSA

*Family* SCISSURELLIDAE

SCISSURELLA Orbigny, 1823, Mem. Soc. Hist. Nat. Paris, p. 340. L.T. (Gray, 1847, Proc. Zool. Soc. Lond., 1847, p. 146) *laevigata* Orbigny.

525. *ornata* May, 1908, Proc. Roy. Soc. Tasm., 1908, p. 57, pl. 4, figs. 4, 5. South Tasmania.

SCISSURONA Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, p. 215. O.T. *rosea* Hedley.

526. *remota* Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, p. 215. Twofold Bay, N.S.W.

SCHISMOPE Jeffreys, 1856, Ann. Mag. Nat. Hist., 18, p. 32. H.T. *cingulata* Costa (?= *Woodwardia* Crosse and Fischer, 1861, J. de Conch., 9, p 160. H.T. *elegans* Orbigny).

527. *atkinsoni* Tenison-Woods, 1877, Proc. Roy Soc. Tasm., 1876, p. 149. South Tasmania. May 1923, Illus. Index Tasm. Shells, pl. 17, fig. · (= *carinata* Watson, 1886, Rep. Sci. Res. Challenge Zool., 15, p. 119, pl. 8, fig. 6, Port Jackson, N.S.W.) (H.374).

528. *beddomei* Petterd, 1884, J. of Conch., 4, p. 139. North Tasmania. Tate and May, 1901, Proc. Linn. Soc. N.S.W., 26, p. 407, pl. 24, fig. 24 (H.375).

*Family* SCHIZOTROCHIDAE

SCHIZOTROCHUS Monterosato, 1887, Ann. Mus. Civ. Genova, 9, p. 416. H.T. *crispata* Fleming.

529. *australis* Hedley, 1903, Mem. Aust. Mus., 4, p. 329, fig. 63. Off Port Kembla, N.S.W., 63-75 fm. (H.373).

*Family* FISSURELLIDAE

SCUTUS Montfort, 1810, Conch. Syst., 2, p. 58. O.T. *antipodes* Montfort.

530. *antipodes* Montfort, 1810, Conch. Syst., 2, p. 58, pl. p. 57. N.S.W. Hedley, 1917, Proc. Linn. Soc. N.S.W., 41, p. 704, pl. 47, figs. 7-9 (H.376).

AVISCUTUM Iredale, 1940, Aust. Zool., 9, p. 430. O.T. *olunguis* Iredale.

531. *olunguis* Iredale, 1940, Aust. Zool., 9, p. 430, pl. 32, figs. 7-8. Port Curtis, Queensland.

TUGALI Gray, 1843, Dieffenbach's New Zealand, 2, p. 240. H.T. *elegans* Gray.

532. *parmophoidea* Quoy and Gaimard, 1834, Voy. Astrol., Zool., 3, p. 325, pl. 68, figs. 15-16. Port Jackson, N.S.W. Hedley, 1917, Proc. Linn. Soc. N.S.W., 41, p. 697, pl. 52, fig. 45 (H.377).

533. *tasmanica* Tenison-Woods, 1877, Proc. Roy. Soc. Tasm., 1876, p. 156. Tasmania. Hedley, 1917, Proc. Linn. Soc. N.S.W., 41, p. 698, pl. 52, fig. 46 (*cicatricosa*, not of A. Adams, 1852).

MONTFORTULA Iredale, 1915, Trans. New Zeal. Inst., 47, p. 433. O.T. *rugosa* Quoy and Gaimard.

534. *conoidea* Reeve, 1842, Proc. Zool. Soc. Lond., 1842, p. 50. Id., 1842, Conch. Syst., 2, pl. 140, fig. 7. Port Jackson, N.S.W. (H.378).

NOTOMELLA Cotton, 1957, Rec. Sth. Aust. Mus., 8, p. 127. New name for *Entomella* Cotton, 1945, South Aust. Naturalist, 23, p. 14 (not *Entomella* Cossmann, 1888). O.T. *candida* A. Adams.

535. *hedleyi* Thiele, 1915, Conch. Cab. (cont.), 2, Abth. 4a, p. 74, pl. 9, figs. 8, 9. Port Jackson, N.S.W. (H.380).

536. *superba* Hedley and Petterd, 1906, Rec. Aust. Mus., 6, p. 216, pl. 37, figs. 7-8. Off Sydney, N.S.W., 250 fm. (H.381).

537. *amitina* Iredale, 1925, Rec. Aust. Mus., 14, p. 257, pl. 43, figs. 12-13 (written *amitana* in error, p. 257). Off Ulladulla, N.S.W., 14 fm.

EMARGINELLA Pilsbry, 1891, Man. Conch. (Tryon), 12, pp. 249, 269. H.T. *cuvieri* Audouin.

538. *incisura* A. Adams, 1853, Proc. Zool. Soc. Lond., 1851, p. 84. South Queensland. Sowerby, 1863, Thes. Conch., 3, p. 211, pl. 10, fig. 2.

539. *bajula* Hedley, 1913, Proc. Linn. Soc. N.S.W., 38, p. 276. Maroubra, N.S.W. Hedley, 1906, Proc. Linn. Soc. N.S.W., 30, p. 521, pl. 33, figs. 37, 38 (*dilecta*, not of A. Adams 1852) (H.379).

SUBZEIDORA Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, p. 217. O.T. *connectens* Thiele.

540. *devota* Thiele, 1915, Conch. Cab. (cont.), 2, Abth. 4a, p. 81, pl. 9, figs. 27-28. Port Jackson, N.S.W.

ZEIDORA A. Adams, 1860, Ann. Mag. Nat. Hist., (3), 5, p. 301. H.T. *calceolina* A. Adams.

541. *lodderae* Tate and May, 1900, Trans. Roy. Soc. South Aust., 24, p. 101. North Tasmania. Hedley, 1900, Proc. Linn. Soc. N.S.W., 25, p. 93, fig. in text (*tasmanica*, not of Beddome, 1883) (H.387).

VACERRENA Iredale, 1958, Proc. Roy. Zool. Soc. N.S.W., 1956-57, p. 104. New name for *Vacerra* Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, p. 221 (not *Vacerra* Godman, 1900). O.T. *demissa* Hedley.

542. *menda* Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, p. 221. Off Narrabeen, N.S.W., 80 fm. Hedley, 1907, Rec. Aust. Mus., 6, p. 289, pl. 54, figs. 3-5 (*demissa*, not *Puncturella demissa* Hedley, 1904) (H.388).

543. *harrissoni* Beddome, 1883, Proc. Roy. Soc. asm., 1882, p. 168. South Tasmania. May, 1923, llus. Index Tasm. Shells, pl. 17, fig. 20 (= *hen-iana* Henn and Brazier, 1894, Proc. Linn. Soc. .S.W., 19, p. 177, pl. 14, fig. 14. Port Jackson, .S.W.) (H.389).

544. *kesteveni* Hedley, 1900, Proc. Linn. Soc. .S.W., 25, p. 499, pl. 25, figs. 15-17. Botany Bay, .S.W. (H.390).

LEGIDION Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, p. 220. O.T. *audax* Iredale.

545. *audax* Iredale, 1924, Proc. Linn. Soc. N.S.W., 9, p. 220, pl. 35, figs. 5-6. Twofold Bay, N.S.W. edley, 1900, Proc. Linn. Soc. N.S.W., 25, p. 95, l. 3, fig. 11 (*lineata*, not of Sowerby, 1835) (H.385).

546. *ticaonica* Reeve, 1850, Conch. Icon., 6, *issurella*, pl. 14, fig. 107. I. Ticao, Philippine ilands. ? Thornley 1954, Proc. Roy. Zool. Soc. N.S.W., 952-3, pl. 1, fig. 7 (N.S.W.).

547. *lanceolata* Sowerby, 1862, Thes. Conch. 3, p. 00, pl. 242, fig. 182. Moreton Bay, Queensland.

IXA Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, p. 220. O.T. *watsoni* Henn and Brazier.

548. *watsoni* Henn and Brazier, 1894, Proc. Linn. oc. N.S.W., 19, p. 177, pl. 14, fig. 15. Port Jackson, .S.W. (H.386).

OSMETALEPAS Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, p. 218. O.T. *concatenatus* Crosse and Fischer.

549. *concatenatus* Crosse and Fischer, 1864, J. e Conch., 12, p. 348. South Australia. Id. ib., 365, 13, p. 41, pl. 3, figs. 1-3 (H.382).

MBLYCHILEPAS Pilsbry, 1890, Man. Conch. (Tryon), 14, p. 184. O.T. *javanicensis* Lamarck.

550. *javanicensis* Lamarck, 1822, Hist. Anim. s. ert., 6, (2), p. 14. Java (error = Bass Straits). elessert, 1841, Recueil Coq. Lamarck, pl. 24, fig. (H.383).

OPHISMALEPAS Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, p. 219. O.T. *nigrita* Sowerby.

551. *nigrita* Sowerby, 1835, Proc. Zool. Soc. Lond., 334, p. 127. South Tasmania. Id., 1862, Thes. onch., 3, pl. 248, fig. 196. Hedley, 1917, Proc. inn. Soc. N.S.W., 41, p. 706, pl. 47, fig. 10 (animal) H.384).

552. *crucis* Beddome, 1883, Proc. Roy. Soc. Tasm., 882, p. 169. North Tasmania. Tate and May, 901, Proc. Linn. Soc. N.S.W., 25, p. 408, text fig. 1.

OROLEPAS Iredale, 1940, Aust. Zool., 9, p. 431. O.T. *tasmaniae* Sowerby.

553. *tasmaniae* Sowerby, 1862, Thes. Conch., 3, . 206, pl. 244 fig. 223. Tasmania.

*Family* HALIOTIDAE

NOTOHALIOTIS Cotton and Godfrey, 1933, South Aust. Nat., 15, p. 16. O.T. *ruber* Leach.

554. *ruber* Leach, 1814, Zool. Misc., 1, p. 54, pl. 23. Port Jackson, N.S.W. Martyn, 1784, Univ. Conch., pl. 63 (*naevosum*, non-binomial) (H.394).

555. *coccoradiatus* Reeve, 1846, Conch. Icon., 3, *Haliotis*, pl. 3, fig. 46. Port Jackson, N.S.W. (H.392).

MARINAURIS Iredale, 1927, Aust. Zool., 4, p. 334. L.T. *melculus* Iredale.

556. *brazieri* Angas, 1869, Proc. Zool. Soc. Lond., 1869, p. 45, pl. 2, fig. 1. Lake Macquarie, N.S.W. (H.391).

557. *hargravesi* Cox, 1869, Proc. Zool. Soc. Lond., 1869, pp. 49, 359, pl. 26, fig. 4. Broken Bay, N.S.W. (H.393).

SANHALIOTIS Iredale, 1929, Mem. Queensl. Mus., 9, p. 270. O.T. *varia* Linne.

558. *whitehousei* Colman, 1959, Proc. Roy. Zool. Soc. N.S.W., 1957-8, p. 56, figs. 1-4. Long Reef, near Manly, N.S.W.

*Family* STOMATIIDAE

PLOCAMOTIS Fischer, 1885, Man. de Conch., livr. 9, p. 840. H.T. *laevis* Pease.

560. *impertusa* Burrow, 1815, Elem. Conch., p. 162, pl. 21, fig. 2. Port Jackson, N.S.W. (= *strigosa* A. Adams, 1850, Proc. Zool. Soc. Lond., 1850, p. 37. Hedley, 1917, Proc. Linn. Soc. N.S.W., 41, p. 703, pl. 47, fig. 11, animal, *strigosa*) (H.396).

ROYA Iredale, 1912, Proc. Malacol. Soc., 10, p. 218. H.T. *kermadecensis* Iredale.

561. *nutata* Hedley, 1908, Proc. Linn. Soc. N.S.W., 33, p. 467, pl. 9, figs. 15-16. Sydney, N.S.W. (H.397).

*Family* TROCHIDAE

STOMATELLA Lamarck, 1816, Ency. Meth., Vers, Liste, p. 10, L.T. (Dujardin, 1845, Dict. Univ. Hist. Nat. (Orbigny), 12, p. 47, ante 1845) *imbricata* Lamarck.

559. *imbricata* Lamarck, 1816, Ency. Meth., Vers, Liste, p. 10, for pl. 450, fig. 2. Western Australia (H.395).

CLANCULUS Montfort, 1810, Conch. Syst., 2, p. 190. O.T. *pharaonius* Linne.

562. *albugo* Watson, 1885, J. Linn. Soc. Lond., Zool., 11, p. 94. Port Jackson, N.S.W. Id., 1886, Rep. Sci. Res. Challenger, Zool., 15, p. 75, pl. 6, fig. 8 (H.398).

ISOCLANCULUS Cotton and Godfrey, 1934, South Aust. Nat., 15, p. 78. O.T. *yatesi* Crosse.

563. *aloysii* Tenison-Woods, 1876, Proc. Roy.

Soc. Tasm., 1875, p. 155. Tasmania. Pilsbry, 1889, Man. Conch. (Tryon), 11, p. 59, pl. 14, figs. 20-23 (H.399).

564. *clangulus* Wood, 1828, Suppl. Index Test., p. 17, pl. 5, fig. 31. Sydney, N.S.W. (H.400).

565. *brunneus* A. Adams, 1853, Proc. Zool. Soc. Lond., 1851, p. 161. Sydney, N.S.W. (= *omalomphalus* A. Adams, 1853, Proc. Zool. Soc. Lond., 1851, p. 162. Fischer, 1877, Coq. Vivants (Kiener), *Trochus,* p. 235, pl. 81, fig.2) (H.403).

566. *undatoides* Tenison-Woods, 1879, Proc. Linn. Soc. N.S.W., 4, p. 22, pl. 4, fig. 7. Port Jackson, N.S.W. (H.406).

EURICLANCULUS Cotton and Godfrey, 1934, South Aust. Nat., 15, p. 78. O.T. *flagellatus* Philippi.

567. *floridus* Philippi, 1850, Zeit. Malak. (Menke), 6, p. 156. Western Australia. Id., 1852, Conch. Cab. (cont.), 2, Abt. 3, p. 243, pl. 36, fig. 15 (H.401).

MESOCLANCULUS Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, p. 224. H.T. *plebejus* Philippi.

568. *plebejus* Philippi, 1851, Zeit. Malak. (Menke), 8, p. 41. Western Australia. Id., 1855, Conch. Cab. (cont.), 2, Abt. 3, p. 326, pl. 46, fig. 10 (= *multicarinatus* Tenison-Woods, 1877, Proc. Roy. Soc. Tasm., 1876, p. 142. North-west Tasmania. May, 1923, Illus. Index Tasm. Shells, pl. 18, fig. 13) (H.404).

MACROCLANCULUS Cotton and Godfrey, 1934, South Aust. Nat., 15, p. 78. O.T. *undatus* Lamarck.

569. *undatus* Lamarck, 1816, Ency. Meth., Vers, Liste, p. 10, for pl. 447, fig. 3. South Australia (H.405).

570. *maugeri* Wood, 1828, Suppl. Index Test., p. 17, pl. 5, fig. 27. Moreton Bay, Queensland (H.402).

EUCHELUS Philippi, 1847, Zeit. Malak. (Menke), 4, p. 20. L.T. (Herrmannsen, 1847, Ind. Gen. Malac., 1, p. 430) "*quadricarinatus* Chem" = *atratus* Gmelin.

571. *aspersus* Philippi, 1846, Zeit. Malak. (Menke), 3, p. 103. Western Australia. Id., 1853, Conch. Cab. (cont.), 2, Abt. 3, p. 173, pl. 27, fig. 13 (H.434).

HERPETOPOMA Pilsbry, 1890, Man. Conch. (Tryon), 11, p. 430. H.T. *scabriuscula* Angas.

572. *scabriuscula* Angas, 1867, Proc. Zool. Soc. Lond., 1867, p. 215. Port Jackson, N.S.W. Fischer, 1879, Coq. Vivants (Kiener), *Trochus,* pl. 114, fig. 2 (H.435).

BASILISSA Watson, 1879, J. Linn. Soc. Lond., Zool., 14, p. 593. L.T. (Schepman, 1908, Siboga Exped., Monog., 49'a, p. 53) *lampra* Watson.

573. *bilix* Hedley, 1905, Rec. Aust. Mus., 6, p. 48, fig. 13. Off Cape Byron, northern N.S.W., 111 fm. (H.433).

TALLORBIS G. and H. Nevill, 1869, J. Asiat. Soc. Bengal, 38, p. 159. H.T. *roseola* G. and H. Nevill.

574. *ampullus* Tate, 1893, Trans. Roy. Soc. South Aust., 17, p. 197, pl. 1, fig. 5. South Australia (H.436).

EURYTROCHUS Fischer, 1880, Coq. Vivants (Kiener), *Trochus,* p. 417. L.T. (Tryon, 1889, Man. Conch., 11, p. 13) *danieli* Crosse.

575. *strangei* A. Adams, 1853, Proc. Zool. Soc. Lond., 1851, p. 177. Sydney, N.S.W. Hedley, 1915, Proc. Linn. Soc. N.S.W., 39, p. 707, pl. 81, fig. 45 (H.407).

PHASIANOTROCHUS Fischer, 1885, Man. de Conch., livr. 9, p. 9. H.T. *eximius* Perry.

576. *eximius* Perry, 1810, Conch., pl. 30, fig. 2. Tasmania (H.408).

577. *ocellatus* Gould, 1861, Proc. Bost. Soc. Nat. Hist., 8, p. 18. Sydney, N.S.W.

BANKIVIA Krauss, 1848, Die Sudafr. Mollusk., p. 105, pl. 6, fig. 1. H.T. *fasciata* Menke.

578. *fasciata* Menke, 1830, Synops. Meth. Moll., ed. 2, p. 141. "Cape of Good Hope" (error = South Australia). Pilsbry, 1889, Man. Conch. (Tryon), 11, p. 139, pl. 40, figs. 28-33 (H.409).

LEIOPYRGA H. and A. Adams, 1863, Ann. Mag. Nat. Hist., (3), 12, p. 19. H.T. *lineolaris* Gould.

579. *lineolaris* Gould, 1861, Proc. Bost. Soc. Nat. Hist., 8, p. 18. Sydney, N.S.W. (= *picturata* H. and A. Adams, 1863, Ann. Mag. Nat. Hist. (3), 11, p. 19. Smith, 1884, Zool. Coll. Alert, p. 75, pl. 6, fig. C) (H.410).

580. *problematica* Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, p. 226, pl. 36, fig. 2. Twofold Bay, N.S.W. Tate, 1891, Trans. Roy. Soc. South Aust., 15, p. 260, pl. 2, fig. 5 *(octona).*

AUSTROCOCHLEA Fischer, 1885, Man. de Conch., livr. 9, p. 820. H.T. *constricta* Lamarck.

581. *obtusa* Dillwyn, 1817, Descr. Cat. Rec. Shells, 2, p. 809. Botany Bay, N.S.W., for Chemnitz, 1795, Conch. Cab., 11, p. 167, pl. 196, figs. 1894-5 (H.412).

582. *porcata* A. Adams, 1853, Proc. Zool. Soc. Lond., 1851, p. 177. Sydney, N.S.W. (= *extenuatus* Fischer, 1878, Coq. Vivants (Kiener), *Trochus,* p. 330, pl. 103, fig. 1) (H.412 a).

583. *concamerata* Wood, 1828, Suppl. Index Test., p. 19, pl. 6, fig. 35. Western Australia. (= *striolata* Quoy and Gaimard, 1834, Voy. Astrol., Zool., 3, p. 253, pl. 63, figs. 18-22. Sydney, N.S.W.) (H.411).

CANTHARIDELLA Pilsbry, 1889, Man. Conch. (Tryon), 11, p. 197. O.T. *picturata* A. Adams and Angas.

584. *picturata* A. Adams and Angas, 1864, Proc. Zool. Soc. Lond., 1864, p. 36. Port Jackson, N.S.W.

scher, 1878, Coq. Vivants (Kiener), *Trochus*, p. 3, pl. 90, fig. 2 (H.413).

585. *tiberiana* Crosse, 1863, J. de Conch., 11, p. 1, pl. 13, fig. 2. South Australia (H.414).

INOPA Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, p. 226. O.T. *legrandi* Petterd.

586. *legrandi* Petterd, 1879, J. of Conch., 2, p. 94. North Tasmania. Tate and May, 1901, Proc. Linn. Soc. N.S.W., 25, p. 404, pl. 24, figs. 21-22.

ANULA Thiele, 1924, Mitt. Zool. Mus. Berlin, Bd. 11, Heft 1, pp. 54, 69. O.T. *tasmanica* Petterd.

587. *tasmanica* Petterd, 1879, J. of Conch., 2, p. 93. South Tasmania. Pilsbry, 1889, Man. Conch. (Tryon), 11, p. 237, pl. 40, fig. 20 (H.416).

588. *galbina* Hedley and May, 1908, Rec. Aust. Mus., 7, p. 114, pl. 22, fig. 2. Off Cape Pillar, Tasmania, 100 fm. Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, p. 226 (Twofold Bay, N.S.W.).

NOTOGIBBULA Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, p. 226. O.T. *bicarinata* A. Adams.

589. *bicarinata* A. Adams, 1854, Thes. Conch. Sowerby), 2, p. 839, pl. 175, figs. 39-40. Moreton Bay, Queensland. (= *coxi* Angas, 1867, Proc. Zool. Soc. Lond., 1867, p. 115, pl. 13, fig. 26. Port Jackson, N.S.W.) (H.415).

FOSSARINA A. Adams and Angas, 1864, Proc. Zool. Soc. Lond., 1863, p. 423. H.T. *patula* A. Adams and Angas.

590. *patula* A. Adams and Angas, 1864, Proc. Zool. Soc. Lond., 1863, p. 424, pl. 37, figs. 9-10. Port Jackson, N.S.W. (= *brazieri* Angas, 1871, Proc. Zool. Soc. Lond., 1871, p. 18, pl. 1, fig. 24. Port Jackson, N.S.W.) (H.417).

ETHMINOLIA Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, p. 228. O.T. *probabilis* Iredale.

591. *probabilis* Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, p. 228, pl. 35, figs. 7-9. Twofold Bay, N.S.W. Id., 1929, Rec. Aust. Mus., 17, p. 170, pl. 39, fig. 4 (H.418).

TALOPIA Gray, 1847, Proc. Zool. Soc. Lond., 1847, p. 145. O.T. *callifera* Lamarck.

592. *morti* Iredale, 1929, Aust. Zool., 5, p. 339, pl. 37, fig. 9. Sydney Harbour, N.S.W. (H.419).

ARCHIMINOLIA Iredale, 1929, Rec. Aust. Mus., 17, p. 170. O.T. *oleacea* Hedley and Petterd.

593. *oleacea (oleata)* Hedley and Petterd, 1906, Rec. Aust. Mus., 6, p. 215, pl. 37, fig. 1. Off Sydney, N.S.W., 300 fm. (H.420).

TALOPENA Iredale, 1918, Proc. Malacol. Soc., 13, p. 30. H.T. *incerta* Iredale.

594. *gloriola* Iredale, 1929, Rec. Aust. Mus., 17, p. 170, pl. 39, fig. 7. Manly, N.S.W.

MINOLOPS Iredale, 1929, Rec. Aust. Mus., 17, p. 169. O.T. *emendata* Iredale.

595. *emendata* Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, p. 229, pl. 35, fig. 12. Twofold Bay, N.S.W. Id., 1929, Rec. Aust. Mus., 17, p. 169, pl. 39, fig. 5.

596. *arata* Hedley, 1903, Mem. Aust. Mus., 4, p. 33, fig. 65. Off Botany Bay, N.S.W., 50-52 fm. (H.422).

597. *pulcherrima* Angas, 1869, Proc. Zool. Soc. Lond., 1869, p. 48, pl. 2, fig. 10. Broken Bay, N.S.W. Iredale, 1929, Rec. Aust. Mus., 17, p. 169, pl. 39, fig. 5 (H.425).

598. *rosulenta* Watson, 1886, Rep. Sci. Res. Challenger, Zool., 15, p. 136, pl. 8, fig. 12. Off Port Jackson, N.S.W., 35 fm. (H.426).

599. *gertruda* Iredale, 1936, Rec. Aust. Mus., 19, p. 285, pl. 21, fig. 11. Off Cape Hawke, N.S.W., 45-50 fm.

SPECTAMEN Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, p. 227. O.T. *philippense* Watson.

600. *philippense* Watson, 1881, J. Linn. Soc. Lond., Zool., 15, p. 92. Port Phillip, Victoria. Id., 1886, Rep. Sci. Res. Challenger, Zool., 15, p. 73, pl. 6, fig. 10. Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, p. 227, pl. 35, fig. 11. Id., 1929, Rec. Aust. Mus., 17, p. 167, pl. 39, fig. 2. N.S.W. (H.424).

601. *epitheca* Iredale, 1929, Rec. Aust. Mus., 17, p. 168, pl. 39, fig. 8. Twofold Bay, N.S.W., 24 fm.

602. *bellulum* Angas, 1869, Proc. Zool. Soc. Lond., 1869, p. 48, pl. 2, fig. 11. Broken Bay, N.S.W. Iredale, 1929, Rec. Aust. Mus., 17, p. 168, pl. 39, fig. 1 (H.423).

SALSIPOTENS Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, p. 230. O.T. *armillatus* Wood.

603. *armillatus* Wood, 1828, Suppl. Index Test., pl. 9, fig. 5. Tasmania (H.427).

FAUTOR Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, p. 230. O.T. *purpureocinctus* Hedley.

604. *purpureocinctus* Hedley, 1894, Proc. Linn. Soc. N.S.W., 19, p. 35, fig. in text. Sydney, N.S.W. (H.428).

605. *excultus* Iredale, 1931, Rec. Aust. Mus., 18, p. 208, pl. 22, fig. 5. Off Disaster Bay, N.S.W., 50 fm.

606. *legrandi tentabundus* Iredale, 1925, Rec. Aust. Mus., 14, p. 258. Off Twofold Bay, N.S.W., 25-30 fm. Pilsbry, 1890, Man. Conch. (Tryon), 11, p. 351, pl. 66, fig. 23 *(legrandi)*.

607. *allporti* Tenison-Woods, 1876, Proc. Roy. Soc. Tasm., 1875, p. 155. Bass Strait, Tasmania. Pilsbry, 1890, Man. Conch. (Tryon), 11, p. 351, pl. 66, fig. 22.

PROTHALOTIA Thiele, 1930, Die Fauna Sudwest Aust., 5, (8), p. 566. O.T. *flindersi* Fischer.

608. *comtessei* Iredale, 1931, Rec. Aust. Mus., 18, p. 208, pl. 23, fig. 8. Sydney Harbour, N.S.W. (H.429).

PULCHRASTELE Iredale, 1929, Mem. Queensland Mus., 9, p. 271. O.T. *septenaria* Melvill and Standen.

609. *speciosa* A. Adams, 1855, Proc. Zool. Soc. Lond., 1854, p. 38. Moreton Bay, Queensland. Reeve, 1863, Conch. Icon., 14, *Zyziphinus,* pl. 2, fig. 9 (H.430).

ASTELENA Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, p. 230. O.T. *scitula* A. Adams.

610. *scitula* A. Adams, 1855, Proc. Zool. Soc. Lond., 1854, p. 38. Port Jackson, N.S.W. Reeve, 1863, Conch. Icon., 14, *Zyziphinus,* pl. 6, fig. 44 (H.431).

BENTHASTELENA Iredale, 1936, Rec. Aust. Mus., 20, p. 285. O.T. *katherina* Iredale.

611. *katherina* Iredale, 1936, Rec. Aust. Mus., 19, p. 285, pl. 21, fig. 12. Off Sydney, N.S.W., 110 fm.

MAZASTELE Iredale, 1936, Rec. Aust. Mus., 19, p. 286. H.T. *glypta* Watson.

612. *glypta* Watson, 1879, J. Linn. Soc. Lond., Zool., 14, p. 694. Off Sydney, N.S.W., 410 fm. Id., 1886, Rep. Sci. Res. Challenger, Zool., 15, p. 75, pl. 6, fig. 6 (H.432).

ASTELE Swainson, 1854, Proc. Roy. Soc. Van Dieman's Land, 3, p. 36. H.T. *subcarinata* Swainson.

613. *subcarinata* Swainson, 1854, Proc. Roy. Soc. Van Dieman's Land, 3, p. 36, pl. 6, figs. 1-2. Tasmania.

*Family* PHASIANELLIDAE

ORTHOMESUS Pilsbry, 1888, Man. Conch. (Tryon), 10, p. 163. O.T. *variegatus* Lamarck.

614. *rubens* Lamarck, 1822, Hist. Anim. s. Vert., 7, p. 53, for Ency. Meth., pl. 119, figs. 2 a, b. New Holland. Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, p. 231 (Sydney, N.S.W.).

MIMELENCHUS Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, p. 232. O.T. *ventricosus* Swainson.

615. *ventricosus* Swainson, 1822, Cat. Coll. Shells Bligh., App., p. 15. N.S.W. (= *perdix* Wood, 1828, Suppl. Index Test., p. 20, pl. 6, *Turbo,* fig. 46) (H.437).

PELLAX Finlay, 1927, Trans. New Zeal. Inst., 57, p. 368. O.T. *huttoni* Pilsbry.

616. *rosea* Angas, 1867, Proc. Zool. Soc. Lond., 1867, p. 114, pl. 13, fig. 24. Coogee Bay, near Sydney, N.S.W. (H.438).

617. *virgo* Angas, 1867, Proc. Zool. Soc. Lond., 1867, p. 115, pl. 13, fig. 25. Coogee Bay, near Sydney, N.S.W. (H.439).

618. *gregaria* Laseron, 1955, Proc. Roy. Zool. Soc. N.S.W., 1953-4, p. 77, fig. 1. Near Sydney, N.S.W.

GABRIELONA Iredale, 1917, Proc. Malacol. Soc., 12, p. 327. H.T. *nepeanensis* Gatliff and Gabriel.

619. *nepeanensis* Gatliff and Gabriel, 1908, Proc. Roy. Soc. Vict., 21, (n.s.), p. 366, pl. 21, figs. 9-10. Western Port, Victoria.

*Family* TURBINIDAE

DINASSOVICA Iredale, 1937, Aust. Zool., 8, p. 247. O.T. *verconis* Iredale.

620. *militaris* Reeve, 1848, Conch. Icon., 4, *Turbo,* pl. 9, fig. 40. Moreton Bay, Queensland. Hedley, 1913, Proc. Linn. Soc. N.S.W., 38, p. 282 (H.441).

LUNELLA Bolten-Roding, 1798, Mus. Bolten., 2, p. 103 L.T. (Powell, 1937, Shellfish of New Zeal. ed. 1, p. 66) *versicolor* Mart. = *picta* Bolten-Roding.

621. *perspeciosa* Iredale, 1929, Mem. Queensland Mus., 9, p. 272. New name for *Turbo speciosus* Reeve, 1848, Conch. Icon., 4, *Turbo,* pl. 8, fig. 35. New Holland (Dring) (not T. *speciosus* Megerle, 1824). Woolacott, 1957, Proc. Roy. Zool. Soc. N.S.W., 1955-6, p. 113, figs. 2, 3, 4. Sydney Harbour, N.S.W.

CARSWELLENA Iredale, 1931, Rec. Aust. Mus., 18, p. 209. O.T. *exquisita* Angas.

622. *exquisita* Angas, 1877, Proc. Zool. Soc. Lond., 1877, p. 175, pl. 26, fig. 18. Botany Bay, N.S.W. Hedley, 1902, Proc. Linn. Soc. N.S.W., 26, p. 701, pl. 34, fig. 7 (operculum) (H.440).

SUBNINELLA Thiele, 1929, Handb. Syst. Weicht., p. 68. O.T. *anguis* Gmelin.

623. *anguis* Gmelin, 1791, Syst. Nat., 6, p. 3602. Botany Bay, N.S.W. Martyn, 1784, Univ. Conch., pl. 70 *(anguis,* non-binomial) (H.443).

NINELLA Gray, 1850, Figs. Moll. Anim., 4, p. 87. H.T. *torquata* Gmelin.

624. *torquata* Gmelin, 1791, Syst. Nat., 6, p. 3597. Botany Bay, N.S.W. Chemnitz, 1788, Conch. Cab., 10, pp. 295-6, Vign. 24, figs. A, B. Martyn, 1784, Univ. Conch., pl. 71 *(staminea* non-binomial) (H.442).

BELLASTRAEA Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, p. 232. O.T. *kesteveni* Iredale.

625. *kesteveni* Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, p. 232. Port Jackson, N.S.W. Kesteven, 1902, Proc. Linn. Soc. N.S.W., 27, p. 2, text figs. 1, 3 *(fimbriatus,* not of Lamarck, 1822) (H.444).

626. *sirius* Gould, 1851, Proc. Bost. Soc. Nat. Hist., 3, p. 90 (1849). Sydney, N.S.W. Kesteven, 1902, Proc.

linn. Soc. N.S.W., 27, p. 3, figs. 2, 4, 5 *(tentoriformis*, not of Jonas, 1845) (H.445).

MICRASTRAEA Cotton, 1939, Proc. Roy. Soc. Vict., 51, (n.s.), p. 169. O.T. *aurea* Jonas.

627. *aurea* Jonas, 1844, Zeit. Malak. (Menke), 1844, . 168. Western Australia. Philippi, 1846, Abbild. Jeschr. Conchyl., 2, p. 14, *Trochus*, p. 26, pl. 6, fig. (= *granulata* Swainson, 1855, Proc. Roy. Soc. Tasm., 3, p. 39, pl. 6, figs. 3, 4. Tasmania).

CALCAR Montfort, 1810, Conch. Syst., 2, pp. 134-135. O.T. *sporis* Montfort (= *calcar* Linne).

627A. *aureola* Hedley, 1907, Proc. Linn. Soc. N.S.W., 32, p. 491, pl. 21, figs. 56-58. Masthead Island, Queensland, 20 fm.

*Family* LIOTIIDAE

Ref.:—Laseron, 1954, Aust. Zool., 12, pp. 1-25, figs. 1-49.]

AUSTROLIOTIA Cotton, 1945, Trans. Roy. Soc. South Aust., 72, (1), p. 31. O.T. *botanica* Hedley.

628. *botanica* Hedley, 1915, Proc. Linn. Soc. N.S.W., 39, p. 710, pl. 85, figs. 46-48. Sydney, N.S.W. Laseron, 1954, loc. cit., figs. 1, 1 a (H.466).

629. *saxa* Laseron, 1954, Aust. Zool., 12, p. 2, figs. 2, 2 a. Near Sydney, N.S.W., 14 fm.

630. *scalaris* Hedley, 1903, Mem. Aust. Mus., 4, p. 336. Off Crookhaven, N.S.W., 11-15 fm. Iredale, 1936, Rec. Aust. Mus., 20, p. 287, pl. 21, fig. 15. Off Sydney, N.S.W., 110 fm. (H.467).

PSEUDOLIOTIA Tate, 1893, Trans. Roy. Soc. South Aust., 22, p. 7. O.T. *micans* A. Adams.

631. *micans* A. Adams, 1850, Proc. Zool. Soc. Lond., 1850, p. 44. South Australia. (Sowerby), 1864, Thes. Conch., A. Adams, 3, pl. 255, figs. 7, 8, 27. Laseron, 1954, loc. cit., figs. 3, 3 a. Sydney Harbour, N.S.W. (H.464).

632. *speciosa* Angas, 1871, Proc. Zool. Soc. Lond., 1871, p. 19, pl. 1, fig. 26. Port Jackson, N.S.W. Laseron, 1954, loc. cit., figs. 4, 4 a (H.464).

LODDERIA Tate, 1899, Trans. Roy. Soc. South Aust., 23, p. 215. O.T. *lodderae* Petterd.

633. *lodderae* Petterd, 1884, J. of Conch., 4, p. 135. North Tasmania. Hedley, 1899, Proc. Linn. Soc. N.S.W., 24, p. 802, figs. Laseron, 1954, loc. cit., figs. 5, 5 a. Near Sydney, N.S.W. (H.462).

LODDERENA Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, p. 233. O.T. *minima* Tenison-Woods.

634. *minima* Tenison-Woods, 1878, Trans. Roy. Soc. Vict., 14, 1877, p. 58. Tasmania. Hedley, 1900, Proc. Linn. Soc. N.S.W., 25, p. 94, pl. 3, figs. 1, 2. Sydney Harbour, N.S.W. Laseron, 1954, loc. cit., figs. 6, 6 a (H.463).

PARTUBIOLA Iredale, 1936, Rec. Aust. Mus., 19, p. 286. O.T. *blancha* Iredale.

635. *blancha* Iredale, 1936, Rec. Aust. Mus., 19, p. 286, pl. 21, fig. 13. Sydney, N.S.W. Laseron, 1954, loc. cit., figs. 7, 7 a.

*Family* BROOKULIDAE

BROOKULA Iredale, 1912, Proc. Malacol. Soc., 10, p. 219. O.T. *stibarochila* Iredale.

636. *obscura* Laseron, 1954, Aust. Zool., 12, p. 6, fig. 10. Port Stephens, N.S.W.

637. *jacksonensis* Laseron, 1954, Aust. Zool., 12, p. 6, fig. 11. Manly, N.S.W. (H.450).

638. *augeria* Laseron, 1954, Aust. Zool., 12, p. 6, fig. 12. Off Twofold Bay, N.S.W., 40-50 fm.

639. *turbinata* Laseron, 1954, Aust. Zool., 12, p. 7, fig. 13. Off Twofold Bay, N.S.W., 40-50 fm. (H.451).

640. *crospatia* Laseron, 1954, Aust. Zool., 12, p. 7, fig. 14. Off Twofold Bay, N.S.W., 40-50 fm.

641. *finesia* Laseron, 1954, Aust. Zool., 12, p. 7, fig. 15. Off Crookhaven, N.S.W., 30-35 fm.

642. *tumida* Laseron, 1954, Aust. Zool., 12, p. 8, fig. 16. Off Twofold Bay, N.S.W., 40-50 fm.

LIOTELLA Iredale, 1915, Trans. New Zeal. Inst., 47, p. 442. O.T. *polypleura* Hedley.

643. *princeps* Laseron, 1954, Aust. Zool., 12, p. 8, figs. 17, 17 a. Off Crookhaven, N.S.W., 15-25 fm.

644. *littoralis* Laseron, 1954, Aust. Zool., 12, p. 8, fig. 18. Port Stephens, N.S.W.

645. *parvirota* Laseron, 1954, Aust. Zool., 12, p. 9, figs. 19, 19 a. Broken Bay, N.S.W.

646. *pulcherrima* Henn and Brazier, 1894, Proc. Linn. Soc. N.S.W., 19, p. 175, pl. 14, fig. 13. Port Jackson, N.S.W. Laseron, 1954, loc. cit., figs. 20, 20 a (H.461).

647. *capitata* Hedley, 1907, Rec. Aust. Mus., 6, p. 357, pl. 67, figs. 13-14. Off Sydney, N.S.W., 800 fm. (H.457).

648. *patonga* Laseron, 1954, Aust. Zool., 12, p. 9, figs. 32 a, b. Broken Bay, N.S.W.

649. *gravicosta* Laseron, 1954, Aust. Zool., 12, p. 10, figs. 33, 33 a. Off Montagu Island, N.S.W., 55 fm.

LIOCARINIA Laseron, 1954, Aust. Zool., 12, p. 10. O.T. *disjuncta* Hedley.

650. *disjuncta* Hedley, 1903, Mem. Aust. Mus., 4, p. 366, fig. 6. Off Cape Three Points, N.S.W., 41-50 fm. Laseron, 1954, loc. cit., figs. 41, 41 a (H.459).

*Family* CALLOMPHALIDAE

CALLOMPHALA A. Adams and Angas, 1864, Proc. Zool. Soc., Lond., 1864, p. 35. H.T. *lucida* A. Adams and Angas.

651. *lucida* A. Adams and Angas, 1864, Proc. Zool. Soc. Lond., 1864, p. 35. Coogee Bay, N.S.W. Hedley, 1899, Proc. Linn. Soc. N.S.W., 24, p. 434, fig. 5. Laseron, 1954, loc. cit., figs. 23, 23 a (H.446).

652. *alta* Laseron, 1954, Aust. Zool., 12, p. 15, figs. 26, 26 a. Port Stephens, N.S.W.

CIRSONELLA Angas, 1877, Proc. Zool. Soc. Lond., 1877, p. 38. H.T. *australis* Angas.

653. *australis* Angas, 1877, Proc. Zool. Soc. Lond., 1877, p. 38, pl. 5, fig. 16. Botany Bay, N.S.W. Laseron, 1954, loc. cit., figs. 27, 27 a (H.449).

654. *reflecta* Laseron, 1954, Aust. Zool., 12, p. 11, figs. 28, 28 a. Port Jackson, N.S.W.

655. *perplexa* Laseron, 1954, Aust. Zool., 12, p. 11, figs. 21, 21 a. Off Twofold Bay, N.S.W., 40-50 fm.

LISSOTESTA Iredale, 1915, Trans. New Zeal. Inst., 47, p. 442. O.T. *micra* Tenison-Woods.

656. *arenosa* Laseron, 1954, Aust. Zool., 12, p. 11, figs. 22, 22 a. Port Jackson, N.S.W.

ZALIPAIS Iredale, 1915, Trans. New Zeal. Inst., 47, p. 442. O.T. *lissa* Suter

657. *inscripta* Tate, 1899, Trans. Roy. Soc. South Aust., 23, p. 216, pl. 7, figs. 3 a, b. South Australia (H.453).

CONICELLA Laseron, 1954, Aust. Zool. 12, p. 12. O.T. *porcellana* Tate and May.

658. *porcellana* Tate and May, 1900, Trans. Roy. Soc. South Aust., 24, p. 101. South Tasmania. Id. Ib., 1901, 25, p. 397, pl. 27, fig. 93 (type). Laseron, 1954, loc. cit., fig. 38. (Off Crookhaven, N.S.W., 30-35 fm.) (H.455).

659. *lacuna* Laseron, 1954, Aust. Zool., 12, p. 12, figs. 39, 39 a. Port Jackson, N.S.W.

660. *lata* Laseron, 1954, Aust. Zool., 12, p. 12, figs. 37, 37 a. Manly, N.S.W.

WANGANELLA Laseron, 1954, Aust. Zool., 12, p. 13. O.T. *fissura* Laseron.

661. *fissura* Laseron, 1954, Aust. Zool., 12, p. 13, figs. 40, 40 a. Port Stephens, N.S.W.

CHARISMA Hedley, 1915, Proc. Linn. Soc. N.S.W., 39, p. 711. O.T. *compacta* Hedley.

662. *compacta* Hedley, 1915, Proc. Linn. Soc. N.S.W., 39, p. 712, pl. 81, fig. 49. Port Macquarie, N.S.W., 100 fm. Laseron, 1954, loc. cit. p. 14, fig. 29 (H.468).

663. *latebrosa* Hedley, 1907, Proc. Linn. Soc. N.S.W., 32, p. 498, pl. 16, fig. 2. Capricorn Group, south Queensland. [No local occurrence on record.] (H.469).

CAVOSTELLA Laseron, 1954, Aust. Zool., 12, p. 14. O.T. *radians* Laseron.

664. *radians* Laseron, 1954, Aust. Zool., 12, p. 14, figs. 30, 30 a. Port Jackson, N.S.W.

CAVOTERA Laseron, 1954, Aust. Zool., 12, p. 14. O.T. *simplex* Laseron.

665. *simplex* Laseron, 1954, Aust. Zool., 12, p. 14, figs. 31, 31 a. Port Stephens, N.S.W.

ROTOSTOMA Laseron, 1954, Aust. Zool., 12, p. 15. O.T. *brazieri* Angas.

666. *brazieri* Angas, 1877, Proc. Zool. Soc. Lond., 1877, p. 39, pl. 5, fig. 17. Port Jackson, N.S.W. Laseron, 1954, loc. cit., figs. 24, 24 a (H.447).

CALLODIX Laseron, 1954, Aust. Zool., 12, p. 16. O.T. *solida* Laseron.

667. *solida* Laseron, 1954, Aust. Zool., 12, p. 16, figs. 25 a, b. Near Sydney, N.S.W., 14 fm.

PARISANDA Laseron, 1954, Aust. Zool., 12, p. 19. O.T. *iredalei* Laseron.

668. *iredalei* Laseron, 1954, Aust. Zool., 12, p. 19, figs. 49, 49 a. Manly, N.S.W.

*Family* MICRODISCULIDAE

MICRODISCULA Thiele, 1912, Deutsch Sud-pol. Exped., 12, p. 199. H.T. *vanhoffeni* Thiele.

669. *vitrea* Laseron, 1954, Aust. Zool., 12, p. 4, figs. 8, 8 a. Port Jackson, N.S.W.

670. *pellucida* Laseron, 1954, Aust. Zool., 12, p. 5, figs. 9, 9 a. Botany Bay, N.S.W.

671. *fragilis* Laseron, 1954, Aust. Zool., 12, p. 5, figs. 48 a, b. Port Hacking, N.S.W.

*Family* ORBITESTELLIDAE

ORBITESTELLA Iredale, 1917, Proc. Malacol. Soc., 12, p. 327. O.T. *bastowi* Gatliff.

672. *decorata* Laseron, 1954, Aust. Zool., 12, p. 18, figs. 43 a, b. Port Jackson, N.S.W. (H.470).

673. *aura* Laseron, 1954, Aust. Zool., 12, p. 18, figs. 44 a, b. Manly, N.S.W.

HELISALIA Laseron, 1954, Aust. Zool., 12, p. 16. O.T. *liliputia* Laseron.

674. *liliputia* Laseron, 1954, Aust. Zool., 12, p. 16, figs. 45, 45 a. Port Jackson, N.S.W.

675. *pallida* Laseron, 1954, Aust. Zool., 12, p. 17, figs. 46, 46 a. Near Sydney, N.S.W.

676. *sucina* Laseron, 1954, Aust. Zool., 12, p. 17, figs. 47, 47 a. Port Jackson, N.S.W.

MICROCARINA Laseron, 1954, Aust. Zool., 12, p. 17. O.T. *surgerea* Laseron.

677. *surgerea* Laseron, 1954, Aust. Zool., 12, p. 17, figs. 42, a, b. Port Jackson, N.S.W.

*Family* INDETERMINATE

? LIOTIA Gray, 1847, Proc. Zool. Soc. Lond., 1847, p. 145. O.T. *cancellata* Gray.

678. *alazon* Hedley, 1905, Rec. Aust. Mus., 6, p. 49, fig. 14. Off Cape Byron, N.S.W., 111 fm. (H.465).

LACINIORBIS Martens, 1897, Arch. Nat. (Wiegmann), 63, (1), p. 175. H.T. *fimbratus* Martens.

679. *morti* Iredale, 1931, Rec. Aust. Mus., 18, p. 209, pl. 22, figs. 4-6. Sydney Harbour, N.S.W.

STARKEYNA Iredale, 1930, Aust. Zool., 6, p. 175. New name for *Stipator* Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, p. 233 (not *Stipator* Rehn, 1900). O.T. *starkeyae* Hedley.

680. *starkeyae* Hedley, 1899, Proc. Linn. Soc. N.S.W., 24, p. 453, fig. 4. Port Jackson, N.S.W. (? may be an estuarine form) (H.448).

*Family* NERITIDAE

NERITA Linne, 1758, Syst. Nat., 10 ed., p. 776. L.T. (Montfort, 1810, Conch. Syst., 2, p. 347) *peloronta* Linne.

681. *polita* Linne, 1758, Syst. Nat., 10 ed., p. 778. Amboina. Rumph, 1741, Amboin. Rariteitk., pl. 22, figs. 1, 2 (H.474).

THELIOSTYLA Morch, 1852, Cat. Conch. Yoldi, p. 167. L.T. (Baker, 1923, Proc. Acad. Nat. Sci. Philadelphia, 75, p. 165) *albicilla* Linne.

682. *albicilla* Linne, 1758, Syst. Nat., 10 ed., p. 778. Amboina (I. Hitoe). Rumph, 1741, Amboin. Rariteitk., pl. 22, fig. 8 (H.471).

RITENA Gray, 1858, Proc. Zool. Soc. Lond., 1858, p. 93. H.T. *plicata* Linne.

683. *plicata* Linne, 1758, Syst. Nat., 10 ed., p. 779. Amboina. Reeve, 1855, Conch. Icon., 9, *Nerita*, pl. 9, fig. 42 (H.473).

MELANERITA Martens, 1889, Conch. Cab. (cont.), Bd. 2, Abth. 11, p. 125. L.T. (Baker, 1923, Proc. Acad. Nat. Sci. Philad., 75, p. 164) "*nigra* Gray" (= *melanotragus* Smith = *atramentosa* Reeve).

684. *atramentosa* Reeve, 1855, Conch. Icon., 9, *Nerita*, pl. 6, fig. 25. Western Australia (= *melanotragus* Smith, 1884, Zool. Coll. Alert, p. 69. New Zealand. Hedley, 1917, Proc. Linn. Soc. N.S.W., 41, p. 706, pl. 48, figs. 13, 14 (animal)) (H.472).

SMARAGDELLA Baker, 1923, Proc. Acad. Nat. Sci. Philad., 75, p. 172. O.T. *souverbiana* Gassies.

685. *pulcherrima* Angas, 1871, Proc. Zool. Soc. Lond., 1871, p. 19, pl. 1, fig. 25. Port Jackson, N.S.W. (H.475).

SMARAGDISTA Iredale, 1936, Rec. Aust. Mus., 19, p. 288. O.T. *tragena* Iredale.

686. *tragena* Iredale, 1936, Rec. Aust. Mus., 19, p. 288, pl. 21, fig. 14. Sydney Harbour, N.S.W.

*Family* COCCULINIDAE

NOTOCRATER Finlay, 1927, Trans. New Zeal. Inst., 57, p. 374. O.T. *craticulus* Suter.

687. *tasmanicus* Pilsbry, 1895, Nautilus, 8, p. 128. South Tasmania, 10 fm. Tate and May, 1901, Proc. Linn. Soc. N.S.W., 26, p. 411, pl. 27, figs. 89-90 (H.476).

688. *meridionalis* Hedley, 1903, Mem. Aust. Mus., 4, p. 331, fig. 64. Off Port Kembla, N.S.W., 63-75 fm. (H.476).

TECTISUMEN Finlay, 1927, Trans. New Zeal. Inst., 57, p. 374. O.T. *clypidelliformis* Suter.

689. *coercita* Hedley, 1907, Rec. Aust. Mus., 6, p. 289, pl. 54, figs. 1-2. Off Narrabeen, N.S.W., 80 fm. (H.477).

*Family* PHENACOLEPADIDAE

PHENACOLEPAS Pilsbry, 1891, Nautilus, 5, p. 89. New name for *Scutellina* Gray, 1847, Proc. Zool. Soc. Lond., 1847, p. 168 (not *Scutellina* Agassiz, 1841); new name for *Scutella* Broderip, 1834, Proc. Zool. Soc. Lond., 1834, 2, p. 47 (not *Scutella* Lamarck, 1816). O.T. *crenulata* Broderip.

690. *mirabilis* Sowerby, 1910, Proc. Malacol. Soc., 9, p. 66, text fig. South Queensland.

CINNALEPETA Iredale, 1929, Mem. Queensland Mus., 9, p. 274. O.T. *cinnamomea* Gould.

691. *cinnamomea* Gould, 1846, Proc. Boston Soc. Nat. Hist., 5, p. 151. Port Jackson, N.S.W. (= *ferruginea* H. and A. Adams, 1854, Gen. Rec. Moll., I, pl. 52, figs. 6, 6 a). Thiele, 1909, Conch. Cab., Bd. 2, Abth. 11 a, p. 35, pl. 6, fig. 5. Hedley, 1917, Proc. Linn. Soc. N.S.W., 41, p. 707, pl. 48, figs. 17-19 (animal) (H.479).

*Suborder* DOCOGLOSSA

*Family* PATELLOIDIDAE

[Ref.:—Thornley, 1945, Proc. Roy. Zool. Soc. N.S.W., 1944-45, pp. 22-30, pl. 2.]

PATELLOIDA Quoy and Gaimard, 1834, Voy. Astrol., Zool., 3, p. 349. L.T. (Gray, 1847, Proc. Zool. Soc. Lond., 1847, p. 158) *rugosa* Quoy and Gaimard.

692. *alticostata antelia* Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, p. 234. Manly, N.S.W. Thornley, 1945, loc. cit., pl. 1, figs. 1 a, b (H.480).

693. *complanata* Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, p. 234. Manly, N.S.W. Thornley, 1945, loc. cit., pl. 1, figs. 2 a, b.

COLLISELLINA Dall, 1871, Amer. J. Conch., 6, p. 254. L.T. (Suter, 1907, Proc. Malacol. Soc. 7, p. 324) *saccharina* Linne.

694. *submarmorata* Pilsbry, 1891, Man. Conch. (Tryon), 13, p. 52, pl. 42, figs. 69-70. Port Jackson, N.S.W. Thornley, 1945, loc. cit., pl. 1, figs. 3 a, b.

CHIAZACMEA Oliver, 1926, Trans. New Zeal. Inst., 56, p. 558. O.T. *flammea* Quoy and Gaimard.

695. *flammea mimula* Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, p. 235. Sydney, N.S.W. Thornley, 1945, loc. cit., pl. 1, figs. 4 a, b *(mixta mimula)* (H.481).

NOTOACMEA Iredale, 1915, Trans. New Zeal. Inst., 47, pp. 194, 428. O.T. *pileopsis* Quoy and Gaimard.

696. *petterdi* Tenison-Woods, 1877, Proc. Roy. Soc. Tasm., 1876, p. 155. Tasmania. May, 1923, Illus. Index Tasm. Shells, pl. 22, fig. 10 (*septiformis*, not of Quoy and Gaimard, 1835). Thornley, 1945, loc. cit., pl. 1, figs. 5 a, b. (N.S.W.) (H.483).

697. *scabrilirata diminuta* Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, p. 236. Sydney, N.S.W. Thornley, 1945, loc. cit., pl. 1, figs. 6 b, c.

CONACMEA Oliver, 1926, Trans. New Zeal. Inst., 56, p. 577. O.T. *parviconoidea* Suter.

698. *subundulata* Angas, 1865, Proc. Zool. Soc. Lond., 1865, p. 155. Port Lincoln, South Australia. May, 1923, Illus. Index Tasm. Shells, pl. 22, fig. 11. (Tasmania.) Thornley, 1945, loc. cit., pl. 1, figs. 7 a, b. (N.S.W.) (H.484).

ACTINOLEUCA Oliver, 1926, Trans. New Zeal. Inst., 56, p. 567. O.T. *campbelli* Filhol.

699. *calamus* Crosse and Fischer, 1864, J. de Conch., 12, p. 348. South Australia. May, 1923, Illus. Index. Tasm. Shells, pl. 22, fig. 2. (Tasmania.) Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, p. 236. (Twofold Bay, N.S.W.) Thornley, 1945, loc. cit., pl. 2, figs. 9 a, b.

RADIACMEA Iredale, 1915, Trans. New Zeal. Inst., 48, p. 427. O.T. *cingulata* Hutton.

700. *mufria* Hedley, 1915, Proc. Linn. Soc. N.S.W., 39, p. 713, pl. 81, figs. 50-52. Port Jackson, N.S.W. Thornley, 1945, loc. cit., pl. 2, figs. 11 a, b, c, d (H.482).

701. *cavilla* Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, p. 235. Sydney, N.S.W. Thornley, 1945, loc. cit., pl. 2, figs. 12 a, b, c, d.

ASTERACMEA Oliver, 1926, Trans. New Zeal. Inst., 56, p. 563. O.T. *illibrata* Verco.

702. *mellila* Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, p. 242. Sydney, N.S.W. Thornley, 1945, loc. cit., pl. 2, figs. 13 a, b, c (H.487).

*Family* PATELLIDAE

PATELLANAX Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, p. 239. O.T. *squamifera* Reeve.

703. *perplexa* Pilsbry, 1891, Man. Conch. (Tryon), 13, p. 50, pl. 36, figs. 69-71. Sydney beaches, N.S.W. Thornley, 1945, loc. cit., pl. 2, fig. 14 a (H.485).

704. *chapmani* Tenison-Woods, 1876, Proc. Roy. Soc. Tasm., 1875, p. 157. Tasmania (= *alba* Tenison-Woods, 1877, Proc. Roy. Soc. Tasm., 1876, p. 155. Pilsbry, 1889, Man. Conch. (Tryon), 11, p. 54, pl. 42, figs. 76-78).

705. *squamifera* Reeve, 1855, Conch. Icon., 8, *Patella*, pl. 32, fig. 94. New South Wales. Thornley, 1945, loc. cit., pl. 2, figs. 15 a, b, 16 (H.486).

706. *ustulata* Reeve, 1855, Conch. Icon., 8, *Patella*, pl. 31, fig. 59. Tasmania. Thornley, 1945, loc. cit., pl. 2, figs. 17 a, b (N.S.W.).

CELLANA A. Adams, 1869, Proc. Zool. Soc. Lond., 1869, p. 273. O.T. *cernica* H. Adams.

707. *tramoserica* Holten, 1806, Enum. Syst. Conch., Chemnitz, p. 85. Botany Bay, N.S.W. Based on Chemnitz, 1795, Conch. Cab., 11, pl. 197, figs. 1912-1913 (H.488).

*Order* MESOGASTROPODA

*Family* LITTORINIDAE

MELARAPHA Cristifori and Jan, 1832, Cat. Mus., sect. 2, pt. 1, p. 7. H.T. "*glabrata* Megerle" (= *neritoides* L).

708. *acutispira* Smith, 1892, Proc. Zool. Soc. Lond., 1891, p. 487, pl. 40, fig. 3. Port Jackson, N.S.W. (H.489).

709. *infans* Smith, 1892, Proc. Zool. Soc. Lond., 1891, p. 488, pl. 40, fig. 4. Port Jackson, N.S.W. (H.490).

710. *undulata* Gray, 1839, Zool. Beechey's Voy., p. 140. No loc. Reeve, 1857, Conch. Icon., 10, *Littorina*, pl. 13, fig. 67 (H.492).

711. *diemenensis* Quoy and Gaimard, 1833, Voy. Astrol., Zool., 2, p. 479, pl. 33, figs. 8-11. Tasmania (H.493).

712. *praetermissa* May, 1909, Proc. Roy. Soc. Tasm., 1908, p. 5, pl. 6, fig. 3. Tasmania.

713. *luteola* Quoy and Gaimard, 1833, Voy. Astrol., Zool., 2, p. 477, pl. 33, figs. 4-7. Port Jackson, N.S.W. (H.491).

714. *blanfordi* Dunker, 1869, Malak. Blatt., 18, p. 150. Rockhampton, Queensland.

NODILITTORINA Martens, 1897, Zool. Nederl. Ost-Indian (Weber), 4, p. 204. L.T. (Macpherson and Chapple, 1951, Mem. Nat. Mus. Melb., 17, p. 118) *nodulosus* Gmelin (= *pyramidalis* Quoy and Gaimard).

715. *pyramidalis* Quoy and Gaimard, 1833, Voy. Astrol., Zool. 2, p. 482, pl. 33, figs. 12-15. Jervis Bay, N.S.W. (H.494).

BEMBICIUM Philippi, 1846, Zeit. Malak. (Menke), p. 129. L.T. (Herrmannsen, 1846, Ind. Gen. Malac. 1, p. 111) *melanostoma* Gmelin.

716. *melanostoma* Gmelin, 1791, Syst. Nat., pt. 6, p. 3581. Botany Bay, N.S.W. Chemnitz, 1781, Conch. Cab., 5, p. 29, pl. 161, fig. 1526. Crosse, 1864, J. de Conch., 12, p. 229, pl. 11, fig. 1 (H.495).

717. *kielmannseggi* Frauenfeld, 1867, Reise Novara, Bd. 2, Abt. 3, Moll., p. 9, pl. 1, fig. 11. Botany Bay, N.S.W. (H.495).

Problitora Iredale, 1931, Rec. Aust. Mus., 18, p. 26. O.T. *morchi* A. Adams and Angas.

718. *morchi* A. Adams and Angas, 1864, Proc. Zool. Soc. Lond., 1863, p. 423. Port Jackson, N.S.W. Hedley, 1902, Proc. Linn. Soc. N.S.W., 26, p. 700, pl. 34, figs. 19-20 (H.704).

Larinopsis Gatliff and Gabriel, 1916, Proc. Roy. Soc. Vict., 29, (n.s.), p. 104. O.T. *turbinatus* Gatliff and Gabriel.

719. *ostensus* Iredale, 1936, Rec. Aust. Mus., 19, p. 287, pl. 24, fig. 17. Off Jervis Bay, N.S.W., 65 fm.

Laevilitorina Pfeffer, 1886, Jahrb. Anst. Hamburg, 3, p. 81. H.T. *caliginosa* Gould.

720. *mariae* Tenison-Woods, 1876, Proc. Roy. Soc. Tasm., 1875, p. 147. King I., Tasmania. Tryon, 1887, Man. Conch., 4, p. 351, pl. 71, fig. 9. Laseron, 1950, Rec. Aust. Mus., 22, p. 284, fig. 86. (Northern N.S.W.) (H.532).

*Family* FOSSARIDAE

Anafossarus Iredale, 1936, Rec. Aust. Mus., 19, p. 289. O.T. *sydneyensis* Hedley.

721. *sydneyensis* Hedley, 1900, Proc. Linn. Soc. N.S.W., 25, p. 89, pl. 3, fig. 12. Sydney, N.S.W. (H.496).

*Family* PLANAXIDAE

Planaxis Lamarck, 1822, Hist. Anim. s. Vert., 7, p. 50. L.T. (Gray, 1847, Proc. Zool. Soc. Lond., 1847, p. 138) *sulcatus* Born.

722. *sulcata* Born, 1780, Test. Mus. Caes., p. 258, pl. 10, figs. 5-6. No locality (= Eastern Seas: Tranquebar). Martini, 1780, Conch. Cab., 4, p. 44, pl. 124, figs. 1170-1171. (Tranquebar.)

Hinea Gray, 1847, Proc. Zool. Soc. Lond., 1847, p. 138. O.T. *brasiliana* Lamarck.

723. *brasiliana* Lamarck, 1822, Hist. Anim. s. Vert., 7, p. 272. "Brasil" (= Sydney, N.S.W.) Kiener, 1834, Coq. Viv., *Buccinum*, p. 70, pl. 78, fig. 59 (= *mollis* Sowerby, 1823, Genera Shells, 2, pl. 208, fig. 2) (H.497).

*Family* RISSOINIDAE

[Ref.:—Laseron, 1950, Rec. Aust. Mus., 22, p. 259 et seq., figs.]

Moerchiella G. Nevill, 1884, Handl. Moll. Indian Mus., pp. 73, 88. O.T. *gigantea* Deshayes.

724. *fasciata* A. Adams, 1853, Proc. Zool. Soc. Lond., 1851, p. 264. Port Jackson, N.S.W. Angas, 1867, Proc. Zool. Soc. Lond., 1867, p. 14, pl. 13, fig. 21 (H.535).

725. *usitata* Laseron, 1950, Rec. Aust. Mus., 22, p. 262, fig. 7. Off Clarence River, northern N.S.W., 15 fm.

726. *cincta* Angas, 1867, Proc. Zool. Soc. Lond., 1867, p. 114, pl. 13, fig. 22. Port Jackson, N.S.W.

Peripetella Laseron 1956, Aust. J. Mar. Freshw. Res., 7, p. 400. O.T. *queenslandica* Laseron.

727. *variegata* Angas, 1867, Proc. Zool. Soc. Lond., 1867, p. 113, pl. 13, fig. 19. Port Jackson, N.S.W. Laseron, 1950, loc. cit., p. 259, fig. 1 (H.536).

728. *elegantula* Angas, 1880, Proc. Zool. Soc. Lond., 1880, p. 417, pl. 40, fig. 10. South Australia. Laseron, 1950, loc. cit., p. 261, fig. 2. Point Halliday, N.S.W. (H.534).

729. *lintea* Hedley and May, 1908, Rec. Aust. Mus., 7, p. 117, pl. 23, fig. 11. Off Cape Pillar, Tasmania, 110 fm.

Laseronia Cotton, 1959, South Aust. Moll., Archaeogastropoda, p. 355. O.T. *cretacea* Tenison-Woods. (Also spelled *Lasseronia* p. 332).

730. *cretacea* Tenison-Woods, 1878, Proc. Linn. Soc. N.S.W., 2, p. 265. Off Port Jackson, N.S.W., 45 fm. Hedley, 1903, Mem. Aust. Mus., 4, p. 353, fig. 76. Laseron, 1950, loc. cit., p. 261, fig. 3 (H.533).

Phintorene Iredale, 1955, Proc. Roy. Zool. Soc. N.S.W., 1953-4, p. 81. O.T. *allanae* Laseron.

731. *allanae* Laseron, 1950, Rec. Aust. Mus., 22, p. 261, fig. 5. Woolgoolga, N.S.W.

Caporista Iredale, 1955, Proc. Roy. Zool. Soc. N.S.W., 1953-4, p. 81. O.T. *iredalei* Laseron.

732. *iredalei* Laseron, 1950 Rec. Aust. Mus., 22, p. 262, fig. 6. Port Jackson, N.S.W., 15 fm.

Costalynia Laseron, 1956, Aust. J. Mar. Freshw. Res., 7, p. 395. O.T. *cardinalis* Brazier.

733. *crassa* Angas, 1871, Proc. Zool. Soc. Lond., 1871, p. 17, pl. 1, fig. 16. Port Jackson, N.S.W. Laseron, 1950, loc. cit., p. 262, fig. 9 (H.538).

734. *angasi* Pease, 1872, Amer. J. Conch., 7, p. 20. Port Jackson, N.S.W. New name for *Rissoina turricula* Angas, 1867, Proc. Zool. Soc. Lond., 1867, p. 114, pl. 13, fig. 20 (not *R. turricula* Eichwald, 1830). Laseron, 1950, loc. cit., p. 262, fig. 9 (H.537).

Stiva Hedley, 1904, Proc. Linn. Soc. N.S.W., 29, p. 192. O.T. *ferruginea* Hedley.

735. *ferruginea* Hedley, 1904, Proc. Linn. Soc. N.S.W., 29, p. 192, pl. 9, figs. 23-25. Off Wollongong, N.S.W., 100 fm. Laseron, 1950, loc. cit., p. 263, fig. 10 (H.540).

736. *royana* Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, p. 245, pl. 34, fig. 11. Twofold Bay, N.S.W., 10-25 fm. Laseron, 1950, loc. cit., p. 263, fig. 11.

737. *nielseni* Laseron, 1950, Rec. Aust. Mus., 22, p. 263, fig. 12. Off Crookhaven, N.S.W., 30-35 fm.

*Family* "RISSOIDAE"

[Ref.:—Laseron, 1950, Rec. Aust. Mus., 22, p. 263 et seq., figs.]

MERELINA Iredale, 1915, Trans. New Zeal. Inst., 47, p. 449. O.T. *chielostoma* Tenison-Woods.

738. *cheilostoma* Tenison-Woods, 1877, Proc. Roy. Soc. Tasm., 1876, p. 152. South Tasmania. Tryon, 1887, Man. Conch., 4, p. 366, pl. 68, fig. 31. Laseron, 1950, loc. cit., p. 264, fig. 13 (H.502).

739. *elegans* Angas, 1877, Proc. Zool. Soc. Lond., 1877, p. 174, pl. 26, fig. 15. Port Jackson, N.S.W. Laseron, 1950, loc. cit., p. 264, fig. 13. Manly, N.S.W.

740. *gracilis* Angas, 1877, Proc. Zool. Soc. Lond., 1877, p. 174, pl. 26, fig. 16. Port Jackson, N.S.W. Laseron, 1950, loc. cit., p. 264, fig. 14 (H.503).

741. *strangei* Henn and Brazier, 1894, Proc. Linn. Soc. N.S.W., 19, p. 173, pl. 14, fig. 11 (not 12). Port Jackson, N.S.W. Laseron, 1950, loc. cit., p. 265, fig. 17 (H.505).

742. *ochroleuca* Henn and Brazier, 1894, Proc. Linn. Soc. N.S.W., 19, p. 174, pl. 14, fig. 12 (not 11). Port Jackson, N.S.W. Laseron, 1950, loc. cit., p. 265, fig. 18 (H.507).

743. *apicilirata* Tate and May, 1900, Trans. Roy. Soc. South Aust., 24, p. 99. South Tasmania. Id., 1901, Proc. Linn. Soc. N.S.W., 25, p. 391, pl. 26, fig. 61. Laseron, 1950, loc. cit., p. 265, fig. 19. Port Jackson, N.S.W.

744. *subreticulata* Laseron, 1950, Rec. Aust. Mus., 22, p. 264, fig. 15. Port Jackson, N.S.W.

745. *eminens* Laseron, 1950, Rec. Aust. Mus., 22, p. 264, fig. 16. Manly, N.S.W.

LINEMERA Finlay, 1924, Trans. New Zeal. Inst., 55, p. 483. O.T. *gradata* Hutton.

746. *filocincta* Hedley and Petterd, 1906, Rec. Aust. Mus., 6, p. 217, pl. 37, fig. 2. Off Sydney, N.S.W., 300 fm. Laseron, 1950, loc. cit., p. 266, fig. 25 (H.500).

747. *sculptilis* May, 1919, Proc. Roy. Soc. Tasm., 1919, p. 62, pl. 15, fig. 5. Off Thorn Bay, Tasmania, 50 fm. Laseron, 1950, loc. cit., p. 266, fig. 26. Off Crookhaven, N.S.W., 30-35 fm.

HAURAKIA Iredale, 1915, Trans. New Zeal. Inst., 47, (1914), p. 449. O.T. *hamiltoni* Suter.

748. *discrepans* Tate and May, 1900, Trans. Roy. Soc. South Aust., 24, p. 99. South Tasmania. Tate and May, 1901, Proc. Linn. Soc. N.S.W., 25, p. 391, pl. 26, fig. 65 (H.498).

749. *incompleta* Hedley, 1908, Proc. Linn. Soc. N.S.W., 33, p. 468, pl. 10, fig. 36. Port Jackson, N.S.W. Laseron, 1950, loc. cit., p. 266, fig. 23. Port Stephens, N.S.W. (H.498 pt.)

750. *praeda* Hedley, 1908, Proc. Linn. Soc. N.S.W., 33, p. 468, pl. 10, fig. 35. Port Jackson, N.S.W. Laseron, 1950, loc. cit., p. 266, fig. 27.

751. *novarensis* Frauenfeld, 1867, Reise Novara, Bd. 2, Abt. 3, Moll., p. 11, pl. 2, fig. 16. Port Jackson, N.S.W. Laseron, 1950, loc. cit., p. 266, fig. 22 (H.504)

[*lucida* Laseron, 1950, loc. cit., p. 265, fig. 20. Manly, N.S.W. is a *Linopyrga* (Family ODOSTOMIIDAE). (See page 84.)]

LIRONOBA Iredale, 1915, Trans. New Zeal. Inst., 47, (1914), p. 450. O.T. *suteri* Hedley.

752. *australis* Tenison-Woods, 1876, Proc. Roy. Soc. Tasm., 1875, p. 146. Badger Island, Tasmania. Hedley, 1900, Proc. Linn. Soc. N.S.W., 25, p. 505, pl. 25, fig. 4 (= *tenisoni* Tate, 1899, Trans. Roy. Soc. South Aust., 23, p. 233). Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, p. 244. Twofold Bay, N.S.W. (Not in Laseron.)

753. *imbrex* Hedley, 1908, Proc. Linn. Soc. N.S.W. 33, p. 469, pl. 10, fig. 33. Port Jackson, N.S.W. Laseron, 1950, loc. cit., p. 267, fig. 29 (H.509).

754. *praetornatilis* Hedley, 1912, Rec. Aust. Mus., 8, p. 139, pl. 41, fig. 16. Off Broughton Island, N.S.W., 35 fm. Laseron, 1950, loc. cit., p. 267, fig. 30 (H.508).

755. *hebes* Laseron, 1950, Rec. Aust. Mus., 22, p. 267, fig. 28. Long Reef, near Sydney, N.S.W., 14 fm.

EUSETIA Cotton, 1944, Trans. Roy. Soc. South Aust., 68, p. 306. O.T. *expansa* Powell.

756. *brevis* May, 1919, Proc. Roy. Soc. Tasm., 1919, p. 63, pl. 16, fig. 19. Tasmania. Laseron, 1950, loc. cit., p. 283, fig. 83. Port Jackson, N.S.W.

757. *maccoyi* Tenison-Woods, 1877, Proc. Roy. Soc. Tasm., 1876, p. 154. South Tasmania. Henn, 1896, Proc. Linn. Soc. N.S.W., 21, p. 500. Sydney Harbour, N.S.W. Hedley, 1900, Proc. Linn. Soc. N.S.W., 24, p. 505, pl. 26, fig. 11.

HETERORISSOA Iredale, 1912, Proc. Malacol. Soc., 10, p. 221. O.T. *secunda* Iredale.

758. *wilfredi* Gatliff and Gabriel, 1911, Proc. Roy. Soc. Vict., 24, (n.s.), p. 188, pl. 46, fig. 3. Victoria. Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, p. 245. Twofold Bay, N.S.W.

759. *punicea* Laseron, 1950, Rec. Aust. Mus., 22, p. 283, fig. 82. Port Stephens, N.S.W.

PARONOBA Laseron, 1950, Rec. Aust. Mus., 22, p. 283. O.T. *subquadrata* Laseron.

760. *subquadrata* Laseron, 1950, Rec. Aust. Mus., 22, p. 253, fig. 84. Port Stephens, N.S.W.

MICROFOSSA Laseron, 1950, Rec. Aust. Mus., 22, p. 267. O.T. *incidata* Frauenfeld.

761. *incidata* Frauenfeld, 1867, Reise Novara, Bd. 2, Abt. 3, Moll., p. 12, pl. 2, fig. 19. Botany

Bay, N.S.W. Laseron, 1950, loc. cit., p. 268, fig. 21 (H.514).

ESTEA Iredale, 1915, Trans. New Zeal. Inst., 47, (1914), p. 451. O.T. *zosterophila* Webster.

762. *pyramidata* Hedley, 1903, Mem. Aust. Mus., 4, p. 354, fig. 77. Off Watamooli, N.S.W., 54-59 fm. Laseron, 1950, loc. cit., p. 269, fig. 35 (H.518).

763. *tasmanica* Tenison-Woods, 1876, Proc. Roy. Soc. Tasm., 1875, p. 29. South Tasmania. May, 1903, ib., 1902, p. 110, fig. 6. Laseron, 1950, loc. cit., p. 269, fig. 37. Off Crookhaven, N.S.W., 30-35 fm.

764. *albizona* Laseron, 1950, Rec. Aust. Mus., 22, p. 270, fig. 38. Point Halliday, N.S.W.

765. *pulvilla* Hedley, 1906, Proc. Linn. Soc. N.S.W., 30, p. 526, pl. 32, fig. 25. Manly, N.S.W. Laseron, 1950, loc. cit., p. 270, fig. 40 (H.517).

766. *perpolita* May, 1919, Proc. Roy. Soc. Tasm., 1919, p. 61, pl. 15, fig. 13. Tasmania. Laseron, 1950, loc. cit., p. 270, fig. 42. Off Twofold Bay, N.S.W., 40-50 fm.

767. *gemma* Laseron, 1950, Rec. Aust. Mus., 22, p. 271, fig. 43. Crookhaven Heads, N.S.W.

768. *gregaria* Laseron, 1950, Rec. Aust. Mus., 22, p. 271, fig. 44. Port Jackson, N.S.W.

769. *alvea* Laseron, 1950, Rec. Aust. Mus., 22, p. 271, fig. 45. Port Jackson, N.S.W.

770. *bicolor* Petterd, 1884, J. of Conch., 4, p. 137. Northern Tasmania. Tate and May, 1901, Proc. Linn. Soc. N.S.W., p. 391, pl. 26, fig. 63. Gatliff and Gabriel 1913, Proc. Roy. Soc. Vict., 26, (n.s.), p. 69, pl. 8, figs. 5, 6. (Victoria.) Laseron, 1950, loc. cit., p. 271, fig. 46. Port Jackson, N.S.W. 15 fm. (H.511).

DARDANULA Iredale, 1915, Trans. New Zeal. Inst., 47, (1914), p. 452. (New name for *Dardania* Hutton, 1882 not *Dardania* Stal, 1866). H.T. *olivacea* Hutton.

771. *flammea* Frauenfeld, 1867, Reise Novara, Bd. 2, Abt. 3, Moll., p. 12, pl. 2, fig. 18. Sydney, N.S.W. Laseron, 1950, loc. cit., p. 273, fig. 47 (H.512).

772. *erratica* May, 1912, Proc. Roy. Soc. Tasm., 1912, p. 48, pl. 2, fig. 7. Off Cape Pillar, Tasmania. Laseron, 1950, loc. cit., p. 273, fig. 48. Manly, N.S.W.

773. *olivacea* Frauenfeld, 1867, Reise Novara, Bd. 2, Abt. 3, Moll., p. 11, pl. 2, fig. 14. Sydney, N.S.W. Laseron, 1950, loc. cit., p. 268, fig. 3 (H.515).

774. *salebrosa* Frauenfeld, 1867, Reise Novara, Bd. 2, Abt. 3, Moll., p. 11, pl. 2, fig. 15. Sydney, N.S.W. Laseron, 1950, loc. cit., p. 269, fig. 33. (H.519).

775. *frauenfeldi* Frauenfeld, 1867, Reise Novara, Bd. 2, Abt. 3, Moll., p. 10, pl. 2, fig. 13. Sydney, N.S.W. Laseron, 1950, loc. cit., p. 269, fig. 36 (H.513).

776. *narrabeenensis* Laseron, 1950, Rec. Aust. Mus., 22, p. 270, fig. 39. Near Sydney, N.S.W.

777. *jervisensis* Laseron, 1950, Rec. Aust. Mus., 22, p. 269, fig. 34. Jervis Bay, N.S.W.

778. *figula* Laseron, 1950, Rec. Aust. Mus., 22, p. 270, fig. 41. Twofold Bay, N.S.W., 20-25 fm.

NODULESTEA Iredale, 1955, Proc. Roy. Zool. Soc. N.S.W., 1953-4, p. 81. O.T. *castella* Laseron.

779. *castella* Laseron, 1950, Rec. Aust. Mus., 22, p. 268, fig. 32. Off Crookhaven, N.S.W., 30-35 fm.

SCROBS Watson, 1886, Rep. Sci. Res. Challenger, Zool., 15, p. 611. O.T. *scrobiculator* Watson.

780. *scrobiculator* Watson, 1886, Rep. Sci. Res. Challenger, Zool., 15, p. 611, pl. 46, fig. 4. Port Jackson, N.S.W. Laseron, 1950, loc. cit., p. 273, fig. 49 (H.528).

781. *petterdi* Brazier, 1895, Proc. Linn. Soc. N.S.W., 19, p. 697. New name for *Rissoa pulchella* Petterd, 1884, J. of Conch., 4, p. 138 (not *R. pulchella* Risso, 1826). North Tasmania. Tate and May, 1901, Proc. Linn. Soc. N.S.W., 25, p. 392, pl. 26, fig. 73 (type, *pulchella* Petterd). Laseron, 1950, loc. cit., p. 274, fig. 50. Port Jackson, N.S.W. (H.527).

OBESCROBS Iredale, 1955, Proc. Roy. Zool. Soc. N.S.W., 1953-4, p. 81. O.T. *jacksoni* Brazier.

782. *jacksoni* Brazier, 1895, Proc. Linn. Soc. N.S.W., 19, p. 695. New name for *Rissoa badia* Watson, 1886, Rep. Sci. Res. Challenger, Zool., 15, p. 612, pl. 46, fig. 3 (not *R. badia* Petterd, 1884). Port Jackson, N.S.W. Laseron, 1950, loc. cit., p. 274, fig. 52 (H.526).

783. *vincula* Laseron, 1950, Rec. Aust. Mus., 22, p. 274, fig. 51. Port Jackson, N.S.W.

784. *delta* Laseron, 1950, Rec. Aust. Mus., 22, p. 274, fig. 53. Near Sydney, N.S.W.

785. *pyramis* Laseron, 1950, Rec. Aust. Mus., 22, p. 274, fig. 54. Manly, N.S.W.

ULTISCROBS Iredale, 1955, Proc. Roy. Zool. Soc., N.S.W., 1953-4, p. 81. O.T. *pluteus* Laseron.

786. *pluteus* Laseron, 1950, Rec. Aust. Mus., 22, p. 275, fig. 55. Port Jackson, N.S.W.

ANABATHRON Frauenfeld, 1867, Reise Novara, Bd. 2, Abt. 3, Moll., p. 13. H.T. *contabulatum* Frauenfeld.

787. *contabulatum* Frauenfeld, 1867, Reise Novara, Bd. 2, Abt. 3, Moll., p. 13, pl. 2, fig. 20 a. Botany Bay, N.S.W. Laseron, 1950, loc. cit., p. 275, fig. 56 (H.520).

NANNOSCROBS Finlay, 1927, Trans. New Zeal. Inst., 57, p. 377. O.T. *hedleyi* Suter.

788. *lene* Hedley, 1915, J. Roy. Soc. N.S.W., 51, Suppl. p. M.53, based on Frauenfeld, 1867, loc. cit., fig. 20 b (*contabulatum* in part). Botany Bay, N.S.W. Laseron, 1950, loc. cit., p. 275, fig. 27 (H.520a).

789. *nothus* Laseron, 1950, Rec. Aust. Mus., 22, p. 275, fig. 58. Point Halliday, N.S.W.

790. *semicinctus* May, 1915, Proc. Roy. Soc. Tasm., 1915, p. 96, pl. 7, fig. 36. South Tasmania. Laseron, 1950, loc cit., p. 276, fig. 6. Off Crookhaven, N.S.W., 30-35 fm.

EMBLANDA Iredale, 1955, Proc. Roy. Zool. Soc. N.S.W., 1953-4, p. 81. O.T. *emblematica* Hedley.

791. *emblematica* Hedley, 1906, Proc. Linn. Soc. N.S.W., 30, p. 526, pl. 32, fig. 24. Manly, N.S.W. Laseron, 1950, loc. cit., p. 276, fig. 59 (H.521).

EPIGRUS Hedley, 1903, Mem. Aust. Mus., 4, p. 355. O.T. *cylindraceus* Tenison-Woods.

792. *cylindraceus* Tenison-Woods, 1878, Proc. Linn. Soc. N.S.W., 2, p. 266. Port Jackson, N.S.W. Hedley, 1903, Mem. Aust. Mus., 4, p. 356, fig. 78. Laseron, 1950, loc. cit., p. 276, fig. 62 (spelled *cylindricus* in error) (H.523).

793. *dissimilis* Watson, 1886, Rep. Sci. Res. Challenger, Zool., 15, p. 522, pl. 37, fig. 5. Port Jackson, N.S.W. Hedley, 1903, loc. cit., p. 356, fig. 80. Laseron, 1950, loc. cit., p. 276, fig. 61 (H.524).

BADEPIGRUS Iredale, 1955, Proc. Roy. Zool. Soc. N.S.W., 1953-4, p. 81. O.T. *badia* Petterd.

794. *badius* Petterd, 1884, J. of Conch., 4, p. 138. North Tasmania. Tate and May, 1901, Proc. Linn. Soc. N.S.W., 25, p. 392, pl. 27, fig. 86 (type, *badius*). Laseron, 1950, loc. cit., p. 277, fig. 64. Port Jackson, N.S.W. (H.522).

LASERONULA Whitley, 1959, Proc. Roy. Zool. Soc. N.S.W., 1957-8, p. 60. New name for *Saltatricula* Laseron, 1956, Aust. J. Mar. Freshw. Res., 7, p. 445 (not *Saltatricula* Burmeister, 1861). New name for *Saltatrix* Laseron Rec. Aust. Mus., 22, p. 277 (not *Saltatrix* King, 1834). O.T. *protracta* Hedley.

795. *protracta* Hedley, 1904, Proc. Linn. Soc. N.S.W., 29, p. 185, pl. 8, figs. 8-11. Port Jackson, N.S.W. Laseron, 1950, loc. cit., p. 27, fig. 63 (H.525).

MICRODRYAS Laseron, 1950, Rec. Aust. Mus., 22, p. 277. O.T. *australiae* Frauenfeld.

796. *australiae* Frauenfeld, 1867, Reise Novara, Bd. 2, Abt. 3, Moll., p. 14, pl. 2, fig. 28. Sydney, N.S.W. Laseron, 1950, loc. cit., p. 277, fig. 65 (H.501).

797. *elongata* Laseron, 1950, Rec. Aust. Mus., 22, p. 278, fig. 66. Narrabeen, near Sydney, N.S.W.

ATTENUATA Hedley, 1918, J. Roy. Soc. N.S.W., 51, Suppl. p. M. 52. O.T. *integella* Hedley.

798. *integella* Hedley, 1904, Proc. Linn. Soc. N.S.W., 29, p. 185, pl. 9, fig. 20. Off Wollongong, N.S.W., 100 fm. Laseron, 1950, loc. cit., p. 278, fig. 67 (H.509).

COENACULUM Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, p. 244. H.T. *minutulum* Tate and May.

799. *minutulum* Tate and May, 1900, Trans. Roy. Soc. South Aust., 24, p. 95. Tasmania. Id., 1901, Proc. Linn. Soc. N.S.W., 25, p. 379, pl. 25, fig. 41. Hedley, 1905, Rec. Aust. Mus., 6, p. 52, fig. 19. Laseron, 1950, loc. cit., p. 278, fig. 68 (H.510).

BOTELLOIDES Strand, 1926, Arch. Nat. (Wiegmann), 92, Abt. 8, p. 66. New name for *Botellus* Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, p. 244 (not *Botellus* Moniez, 1887). O.T. *bassiana* Hedley.

800. *bassiana* Hedley, 1911, Zool. Res. Endeavour, 1909-10, pt. I, p. 108, pl. 19, fig. 25. Off Davenport, Tasmania. Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, p. 244. Off Green Cape, N.S.W., 50-70 fm.

NOTOSETIA Iredale, 1915, Trans. New Zeal. Inst., 49, (1914), p. 452. O.T. *lubrica* Suter.

801. *fulva* Laseron, 1950, Rec. Aust. Mus., 22, p. 279, fig. 69. Near Sydney, N.S.W.

802. *pellucida* Laseron, 1950, Rec. Aust. Mus., 22, p. 280, fig. 72. Port Jackson, N.S.W.

803. *nitens* Frauenfeld, 1867, Reise Novara, Bd. 2, Abt. 3, Moll., p. 13, pl. 2, fig. 22. Botany Bay, N.S.W. Laseron, 1950, loc. cit., p. 279, fig. 71 (H.530).

804. *simillima* May, 1916, Proc. Roy. Soc. Tasm., 1915, p. 93, pl. 5, fig. 26. East Tasmania. Laseron, 1950, loc. cit., p. 280, fig. 73. Broken Bay, N.S.W.

805. *fusca* Laseron, 1950, Rec. Aust. Mus., 22, p. 280, fig. 74. Port Jackson, N.S.W.

806. *aethiopia* Laseron, 1950, Rec. Aust. Mus., 22, p. 280, fig. 75. Port Jackson, N.S.W.

807. *galbinia* Laseron, 1950, Rec. Aust. Mus., 22, p. 281, fig. 76. Port Jackson, N.S.W.

808. *castanea* Laseron, 1950, Rec. Aust. Mus., 22, p. 281, fig. 78. Port Jackson, N.S.W.

809. *atropurpurea* Frauenfeld, 1867, Reise Novara, Bd. 2, Abt. 3, Moll., p. 3, pl. 2, fig. 21. Botany Bay, N.S.W. Laseron, 1950, loc. cit., p. 281, fig. 77 (H.529).

HEREWARDIA Iredale, 1955, Proc. Roy. Zool. Soc. N.S.W., 1953-4, p. 81. O.T. *kesteveni* Hedley.

810. *kesteveni* Hedley, 1907, Proc. Linn. Soc. N.S.W., 32, p. 497, pl. 17, fig. 25. Capricorn Group, S. Queensland.

811. *profundior* Hedley, 1907, Rec. Aust. Mus., 6, p. 358, pl. 67, fig. 15. Off Sydney, N.S.W., 800 fm. Laseron, 1950, loc. cit., p. 266, fig. 24 (H.499).

*Family* OBTORTIONIDAE

[Ref.:—Laseron, 1950, Rec. Aust. Mus., 22, pp. 281-2, figs. 79-81.]

OBTORTIO Hedley, 1899, Mem. Aust. Mus., 3, p. 412. O.T. *pyrrhacme* Melvill and Standen.

812. *lutosus* Hedley, 1914, Proc. Linn. Soc. N.S.W., 39, p. 716, pl. 81, fig. 51. Port Jackson, N.S.W. Laseron, 1950, loc. cit., p. 281, fig. 79 (H.545).

813. *jacksonensis* Laseron, 1950, Rec. Aust. Mus., 22, p. 282, fig. 80. Port Jackson, N.S.W.

814. *reticulatus* Laseron, 1950, Rec. Aust. Mus., 22, p. 282, fig. 81. Port Jackson, N.S.W.

*Family* DIALIDAE

[Ref.:—Laseron, 1950, Rec. Aust. Mus. 22, pp. 283-286, figs. 85-94.]

DIALESSA Iredale, 1955, Proc. Roy. Zool. Soc. N.S.W., 1953-4, p. 81. O.T. *translucida* Hedley.

815. *phasianella* Angas, 1867, Proc. Zool. Soc. Lond., 1867, p. 113, pl. 13, fig. 18. Port Jackson, N.S.W. Laseron, 1950, loc. cit., p. 285, figs. 87, 88 (H.543).

816. *translucida* Hedley, 1906, Proc. Linn. Soc. N.S.W., 30, p. 522, pl. 33, fig. 35. Port Jackson, N.S.W. Laseron, 1950, loc. cit., p. 285, fig. 89 (H.544).

817. *lauta* A. Adams, 1862, Ann. Mag. Nat. Hist., (3), 10, p. 298. South Australia. Hedley, 1913, Proc. Linn. Soc. N.S.W., 38, p. 286, pl. 18, fig. 58. Laseron, 1950, loc. cit., p. 286, figs. 91-93 (N.S.W.) (H.541).

DIFFALABA Iredale, 1936, Rec. Aust. Mus., 19, p. 290. O.T. *opiniosa* Iredale.

818. *opiniosa* Iredale, 1936, Rec. Aust. Mus., 19, p. 290, pl. 21, fig. 16. Sydney Harbour, N.S.W. (= *lirata* Laseron, 1950, Rec. Aust. Mus., 22, p. 285, fig. 90. Lake Macquarie, N.S.W.).

LAEVITESTA Laseron, 1950, Rec. Aust. Mus., 22, p. 286. O.T. *scobina* Laseron.

819. *scobina* Laseron, 1950, Rec. Aust. Mus., 22, p. 286, fig. 94. Broken Bay, N.S.W.

CITHNA A. Adams, 1863, Proc. Zool. Soc. Lond., 1863, p. 113. L.T. (Wenz, 1938, Handbuch d. Palaeozool. (Schindewolf), 6, p. 336) *globosa* A. Adams.

820. *angulata* Hedley, 1907, Rec. Aust. Mus., 6, p. 291, pl. 55, fig. 16. Off Narrabeen, N.S.W., 80 fm. Laseron, 1950, loc. cit., p. 284, fig. 85. Off Crookhaven, N.S.W., 25-30 fm. (H.546).

*Family* SCALIOLIDAE

SCALIOLA A. Adams, 1860, Ann. Mag. Nat. Hist., (3), 6, p. 120. H.T. *bella* A. Adams.

821. *caledonica* Crosse, 1870, J. de Conch., 18, p. 299. New Caledonia. Id. ib., 1871, 19, p. 200, pl. 6, fig. 3.

*Family* ASSIMINEIDAE

ASSIMINEA Fleming, 1828, Hist. Brit. Anim., p. 275. H.T. *grayana* Fleming.

822. *tasmanica* Tenison-Woods, 1876, Proc. Roy. Soc. Tasm., 1875, p. 79. Tasmania. Hedley, 1906, Proc. Linn. Soc. N.S.W., 30, p. 527, pl. 32, figs. 27-29 (H.548).

METASSIMINEA Thiele, 1927, Zool. Jahrb., Syst. 53, p. 126. O.T. *philippinica* O. Boettger.

823. *australis* Thiele, 1927, Zool. Jahrb., Syst. 53, p. 131, pl. 1, fig. 6. Sydney, N.S.W. (not *A. australis* Petterd, 1889) ?Thornley, 1951, Proc. Roy. Zool. Soc. N.S.W., 1949-50, p. 49, pl. 5, fig. 3.

*Family* TATEIDAE

TATEA Tenison-Woods, 1879, Proc. Roy. Soc. Tasm., 1878, p. 92. H.T. *huonensis* Tenison-Woods.

824. *paradisiaca* Pilsbry, 1897, Proc. Acad. Nat. Sci. Philad., 1897, p. 362, pl. 9, figs. 10-11. Twofold Bay, N.S.W. (H.549).

825. *kesteveni* Iredale, 1943, Aust. Zool., 10, p. 205. Manly, N.S.W. Id., 1944, Aust. Nat., 11, p. 115, fig. in text (H.550).

826. *ballina* Iredale, 1943, Aust. Zool., 10, p. 205. Ballina, northern N.S.W. Not figured. Cf. *paradisiaca* Pilsbry above.

*Family* POTAMOPYRGIDAE

POTAMOPYRGUS Stimpson, 1865, Amer. J. Conch., 1, p. 53. O.T. *corolla* Gould.

827. *pagodella* Hedley, 1903, Proc. Linn. Soc. N.S.W., 27, p. 603, pl. 29, fig. 6. Manly, N.S.W. (H.547).

828. *procinctus* Hedley, 1908, Proc. Linn. Soc. N.S.W., 33, p. 469, pl. 10, fig. 34. Port Jackson, N.S.W. Laseron, 1950, Rec. Aust. Mus., 22, p. 279, fig. 70 (= *ruppiae* Hedley, 1912, Rec. Aust. Mus., 8, p. 140, pl. 41, fig. 17. Dee Why Lagoon, near Sydney, N.S.W.) (H.531, 551).

*Family* LITIOPIDAE

LITIOPA Rang, 1829, Ann. Sci. Nat. Paris., 16, p. 303. H.T. *melanostoma* Rang.

829. *limnophysa* Melvill and Standen, 1896, J. of Conch., 8, p. 305, pl. 9, fig. 72. Loyalty Is. Hedley, 1908, Proc. Linn. Soc. N.S.W., 33, p. 462, pl. 10, figs. 30, 31. Sydney, N.S.W. (*melanostoma*, not of Rang, 1829) (H.552).

*Family* TRUNCATELLIDAE

TRUNCATELLA Risso, 1826, Hist. Nat. l'Eur. Merid., 4, p. 124. L.T. (Gude, 1921, Fauna Brit. Ind. Moll., 3, p. 360) *subcylindrica* Linne.

830. *brazieri* Cox, 1868, Monog. Aust. Land Shells, p. 93, pl. 15, fig. 12. Port Jackson, N.S.W. (H.553).

*Family* HIPPONICIDAE

ANTISABIA Iredale, 1937, Aust. Zool., 8, p. 253. O.T. *foliacea* Quoy and Gaimard.

831. *foliacea* Quoy and Gaimard, 1834, Voy. Astrol., Zool., 3, p. 439, pl. 72, figs. 41-45. Guam (H.554).

*Family* CHEILEIDAE

CHEILEA Modeer, 1793, K. Vetens. Acad. Nya Handl., 14, p. 110. H.T. *equestris* Linne.

832. *porosa* Reeve, 1858, Conch. Icon., 11, *Calyptraea*, pl. 5, fig. 20. Moreton Bay, Queensland (H.555).

*Family* CALYPTRAEIDAE

SIGAPATELLA Lesson, 1830, Zool. Voy. Coquille, 2, p. 389. L.T. (Dall, 1909, U.S. Geol. Surv. Prof. Pap., 59, p. 82) *calyptraeformis* Lamarck.

833. *calyptraeformis* Lamarck, 1822, Hist. Anim. s. Vert., 7, p. 12. King I., Bass Strait (= *tomentosa* Quoy and Gaimard, 1835, Voy. Astrol., Zool., 3, p. 419, pl. 72, figs. 1-5. Victoria) (H.556).

ZEGALERUS Finlay, 1927, Trans. New Zeal. Inst., 57, p. 392. O.T. *tenuis* Gray.

834. *hedleyi* Smith, 1915, Terra Nova Exped., Zool., 2, p. 84, pl. 1, figs. 23-25. South Australia (H.557).

*Family* CREPIDULIDAE

CREPIDULA Lamarck, 1799, Mem. Soc. Nat. Hist. Paris, p. 78. H.T. *fornicata* Linne.

835. *aculeata* Gmelin, 1791, Syst. Nat., pt. 6, p. 3693. American Seas. Chemnitz, 1788, Conch. Cab., 10, p. 334, pl. 168, figs. 1624-1625 (H.558).

ZEACRYPTA Finlay, 1927, Trans. New Zeal. Inst., 57, p. 393. H.T. *monoxyla* Lesson.

836. *immersa* Angas, 1865, Proc. Zool. Soc. Lond., 1865, p. 57, pl. 2, fig. 12. Port Lincoln, South Australia (H.559).

*Family* CAPULIDAE

CAPULONIX Iredale, 1929, Mem. Queeensland Mus., 9, p. 277. H.T. *calyptra* Martyn (= *danieli* Crosse).

837. *violaceus* Angas, 1867, Proc. Zool. Soc. Lond., 1867, p. 114, pl. 13, fig. 23. Near Sydney, N.S.W. (H.561).

838. *devotus* Hedley, 1904, Proc. Linn. Soc. N.S.W., 29, p. 190, pl. 8, figs. 15-16. Off Wollongong, N.S.W., 100 fm. (H.560).

839. *australis* Lamarck, 1819, Hist. Anim. s. Vert., 6, (1), p. 335. Tasmania. Quoy and Gaimard, 1835, Voy. Astrol., Zool., 3, p. 434, pl. 72, figs. 25-34.

*Family* CERITHIIDAE

CLYPEOMORUS Jousseaume, 1888, Mem. Soc. Zool. France, I, p. 171. T.T. *clypeomorus* Jousseaume (= *carbonarius* Sowerby).

840. *carbonarius* Sowerby, 1865, Conch. Icon. (Reeve), 15, *Cerithium*, pl. 9, fig. 59. Philippine Islands. Angas, 1877, Proc. Zool. Soc. Lond., 1877, p. 186. (North N.S.W.) (H.562).

ATAXOCERITHIUM Tate, 1894, J. Roy. Soc. N.S.W., 32, p. 179. O.T. *serotinum* A. Adams.

841. *conturbatum* Iredale, 1936, Rec. Aust. Mus., 19, p. 290, pl. 21, fig. 17. Sydney Harbour, N.S.W. (H.563).

842. *scruposum* Iredale, 1936, Rec. Aust. Mus., 19, p. 291, pl. 21, fig. 18. Off Green Cape, N.S.W., 70 fm. (H.563).

843. *applenum* Iredale, 1936, Rec. Aust. Mus., 19, p. 291, pl. 21, fig. 19. Off Green Cape, N.S.W., 70 fm.

844. *gemmulatum* Woolacott, 1957, Proc. Roy. Zool. Soc. N.S.W., 1955-6, p. 115, figs. 1-2. Gerringong, N.S.W.

HYPOTROCHUS Cotton, 1932, Rec. South Aust. Mus., 4, p. 539. O.T. *monachus* Crosse and Fischer.

845. *monachus* Crosse and Fischer, 1864, J. de Conch., 12, p. 347. South Australia. Id. ib., 1865, 13, p. 45, pl. 3, fig. 17. Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, p. 246. Twofold Bay, N.S.W.

CACOZELIANA Strand, 1928, Arch. Nat. (Weigmann), 92, p. 66. New name for *Cacozelia* Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, p. 246 (not *Cacozelia* Grote, 1878). O.T. *lacertina* Gould.

846. *lacertina* Gould, 1861, Proc. Bost. Soc. Nat. Hist., 6, p. 386. Port Jackson, N.S.W. Hedley, 1915, Proc. Linn. Soc. N.S.W., 39, p. 718, pl. 77, fig. 6 (type) (H.566).

847. *fuscocapitula* Hedley and Petterd, 1906, Rec. Aust. Mus., 6, p. 217, pl. 38, figs. 10-11. Off Sydney, N.S.W., 300 fm.

848. *furva* Watson, 1886, Rep. Sci. Res. Challenger, Zool., 15, p. 566, pl. 38, fig. 5. Port Jackson, N.S.W. (H.567).

849. *variegata* Henn and Brazier, 1894, Proc. Linn. Soc. N.S.W., 19, p. 172, pl. 14, fig. 9. Port Jackson, N.S.W. (H.567).

*Family* POTAMIDIDAE

PYRAZUS Montfort, 1810 Conch. Syst., 2, p. 458. O.T. *ebeninus* Bruguiere.

850. *ebeninus* Bruguiere, 1792, Ency. Meth., Vers, p. 490. Botany Bay, N.S.W. Martyn, 1784, Univ. Conch., I, pl. 13 (*hercules* non-binomial) (H.570).

VELACUMANTUS Iredale, 1936, Rec. Aust. Mus., 19, p. 292. O.T. *australis* Quoy and Gaimard.

851. *australis* Quoy and Gaimard, 1834, Voy. Astrol., Zool., 3, p. 131, pl. 55, fig. 7. Port Jackson, N.S.W. (H.569).

ZEACUMANTUS Finlay, 1927, Trans. New Zeal. Inst., 57, p. 380. O.T. *subcarinatus* Sowerby.

852. *subcarinatus* Sowerby, 1855. Thes. Conch., 2, p. 889, pl. 36, fig. 287. New Zealand. Finlay, 1926, Trans. New Zeal. Inst., 67, p. 380 (Freshwater, nr. Manly, N.S.W.) Iredale, 1936, Rec. Aust. Mus., 19, pp. 291-292.

*Family* CERITHIOPSIDAE

[[Ref.:—Laseron, 1951, Aust. Zool., 11, p. 351 et seq., pls. 35-37, text fig. Id., 1956, Aust. J. Mar. Freshw. Res., 7, pp. 151-182.]

SOCIENNA Finlay, 1927, Trans. New Zeal. Inst., 57, p. 382. O.T. *apicicostata* May.

853. *jacksonensis* Laseron, 1951, Aust. Zool., 11 p. 354, pl. 35, figs. 2, 2a. Yamba, northern N.S.W.

854. *quadrispiralis* Laseron, 1951, Aust. Zool., 11, p. 354, pl. 35, figs. 2, 2a. Yamba, northern N.S.W.

855. *cylindrica* Watson, 1886, Rep. Sci. Res. Challenger, Zool., 15, p. 550, pl. 39, fig. 5. Port Jackson, N.S.W., 2-10 fm. Laseron, 1951, loc. cit., p. 354 (H.564).

856. *gregaria* Laseron, 1951, Aust. Zool., 11, p. 354, pl. 35, figs. 3, 3a. Port Jackson, N.S.W.

857. *clathrata* Angas, 1871, Proc. Zool. Soc. Lond., 1871, p. 16, pl. 1, fig. 12. Port Jackson, N.S.W. Laseron, 1951, loc. cit., p. 355, pl. 35, fig. 4 (= *angasi* Semper, 1874, new name for *Cerithium clathrata* Angas, 1871, not *Cerithiopsis clathrata* A. Adams, 1855) (H.571).

858. *clava* Laseron, 1951, Aust. Zool., 11, p. 355, pl. 35, figs. 6, 6a. Near Sydney, N.S.W., 14 fm.

859. *crassa* Laseron, 1951, Aust. Zool., 11, p. 356, pl. 35, figs. 7, 7a. Manly, N.S.W.

860. *hebes* Laseron, 1951, Aust. Zool., 11, p. 356, pl. 35, figs. 8, 8a. Off Point Halliday, N.S.W., 8-10 fm.

TUBERCLIOPSIS Laseron, 1956, Aust. J. Mar. Freshw. Res., 7, p. 156. O.T. *capricornia* Laseron.

861. *filofusca* Laseron, 1951, Aust. Zool., 11, p. 356, pl. 35, figs. 9, 9a. Near Sydney, N.S.W., 14 fm.

862. *quinquepilia* Laseron, 1951, Aust. Zool., 11, p. 357, pl. 35, figs. 10, 10a. Near Sydney, N.S.W., 14 fm.

863. *infracolor* Laseron, 1951, Aust. Zool., 11, p. 357, pl. 36, fig. 13. Near Sydney, N.S.W., 14 fm.

864. *septapilia* Laseron, 1951, Aust. Zool., 11, p. 358, pl. 36, fig. 14. Near Sydney, N.S.W., 14 fm.

865. *macalpinei* Laseron, 1951, Aust. Zool., 11, p. 359, pl. 36, figs. 17, 40. Near Sydney, N.S.W.

866. *georgensis* Laseron, 1951, Aust. Zool., 11, p. 359, pl. 36, figs. 18, 18a. Port Jackson, N.S.W.

867. *exigua* Laseron, 1951, Aust. Zool., 11, p. 359, pl. 36, figs. 19, 19a. Port Jackson, N.S.W.

868. *literalis* Laseron, 1951, Aust. Zool., 11, p. 360, pl. 36, figs. 20, 20a. Port Jackson, N.S.W.

CLATHROPSIS Laseron, 1956, Aust. J. Mar. Freshw. Res., 7, p. 159. O.T. *impedita* Laseron.

869. *tripilia* Laseron, 1951, Aust. Zool., 11, p. 355, pl. 35, fig. 5. Port Jackson, N.S.W.

870. *alternata* Laseron, 1951, Aust. Zool., 11, p. 357, pl. 35, fig. 12. Port Stephens, N.S.W.

871. *bicarinata* Laseron, 1951, Aust. Zool., 11, p. 358, pl. 36, fig. 16. Near Sydney, N.S.W., 14 fm.

SYNTHOPSIS Laseron, 1956, Aust. J. Mar. Freshw. Res., 7, p. 156. O.T. *cylindrica* Laseron.

872. *cancellata* Laseron, 1951, Aust. Zool., 11, p. 357, pl. 35, fig. 11. Port Stephens, N.S.W.

873. *virgula* Laseron, 1951, Aust. Zool., 11, p. 360, pl. 37, figs. 26, 26a. Port Jackson, N.S.W.

874. *exilis* Laseron, 1951, Aust. Zool., 11, p. 360, pl. 36, fig. 23. Off Crookhaven, N.S.W., 30-35 fm.

JOCULATOR Hedley, 1909, Proc. Linn. Soc. N.S.W., 34, p. 442. O.T. *ridiculus* Watson.

875. *hedleyi* Laseron, 1951, Aust. Zool., 11, p. 362, pl. 37, fig. 27. Port Jackson, N.S.W.

876. *minor* Laseron, 1951, Aust. Zool., 11, p. 362, pl. 37, fig. 28. Botany Bay, N.S.W.

877. *gracilis* Laseron, 1951, Aust. Zool., 11, p. 363, pl. 37, figs. 30, 31. George's River, near Sydney, N.S.W., 6 fm.

POTENATOMUS Laseron, 1956, Aust. J. Mar. Freshw. Res., 7, p. 178. O.T. *caputumere* Laseron.

878. *nanus* Laseron, 1951, Aust. Zool., 11 p. 363, pl. 37, fig. 29. George's River, near Sydney, N.S.W., 6 fm.

BINDA Laseron, 1951, Aust. Zool., 11, p. 361. O.T. *tasmantis* Laseron.

879. *tasmantis* Laseron, 1951, Aust. Zool., 11, p. 362, pl. 37, fig. 25. Off Crookhaven, N.S.W., 30-35 fm.

880. *cacuminata* Hedley and Petterd, 1906, Rec. Aust. Mus., 6, p. 218, pl. 37, fig. 4. Off Sydney, N.S.W., 250 fm. Laseron, 1951, loc. cit., p. 362. (H.572).

PILAFLEXIS Laseron, 1951, Aust. Zool., 11, p. 361. O.T. *regularis* Laseron.

881. *regularis* Laseron, 1951, Aust. Zool., 11, p. 361, pl. 36, figs. 21, 21a. Off Point Halliday, N.S.W., 8-10 fm.

882. *oculis* Laseron, 1951, Aust. Zool., 11, p. 361, pl. 36, figs. 22, 22a. George's River, near Sydney, N.S.W., 6 fm.

NOTOSEILA Finlay, 1927, Trans. New Zeal. Inst., 57, p. 383. H.T. *terebelloides* Hutton.

883. *maculosa* Laseron, 1951, Aust. Zool., 11, p. 364, pl. 37, fig. 33. Jervis Bay, N.S.W.

884. *crocea* Angas, 1871, Proc. Zool. Soc. Lond., 1871, p. 16, pl. 1, fig. 13. Port Jackson, N.S.W.

Laseron, 1951, loc. cit., p. 365, pl. 37, figs. 34, 34a (H.575).

885. *magna* Laseron, 1951, Aust. Zool., 11, p. 365, pl. 37, fig. 35. Wollongong, N.S.W.

886. *nigrofusca* Laseron, 1951, Aust. Zool., 11, p. 366, text fig. 37. Botany Bay, N.S.W.

887. *purpurea* Angas, 1877, Proc. Zool. Soc. Lond., 1877, p. 36, pl. 5, fig. 7. Port Jackson, N.S.W. Laseron, 1951, loc. cit., p. 364 (*albosutura*, not of Tenison-Woods 1877) (H.574).

888. *tenuis* Laseron, 1951, Aust. Zool., 11, p. 366, text fig. 38. Port Jackson, N.S.W.

PARASEILA Laseron, 1951, Aust. Zool., 11, p. 367. O.T. *heronensis* Laseron (Queensland).

889. *halligani* Hedley, 1905, Rec. Aust. Mus., 6, p. 51, fig. 16. Off Cape Byron, northern N.S.W., 111 fm. Laseron, 1951, loc. cit., p. 365, pl. 37, fig. 36 (H.576).

SEILAREX Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, p. 246. H.T. *attenuatus* Hedley (= *turritelliformis* Angas).

890. *turritelliformis* Angas, 1877, Proc. Zool. Soc. Lond., 1877, p. 174 (not pl. 26, fig. 14). Port Jackson, N.S.W. (= *attenuatus* Hedley, 1900, Proc. Linn. Soc. N.S.W., 25, p. 91, pl. 3, figs. 9, 9a. Sydney Harbour, N.S.W.) Laseron, 1951, loc. cit., p. 364, pl. 37, fig. 32 (H.577).

## *Family* TRIPHORIDAE

[Ref.:—Laseron, 1954, Rec. Aust. Mus., 3, pp. 139-158, figs. 1-30 and Laseron, 1958, Aust. J. Mar. Freshw. Res., 9, pp. 569-658, figs. 1-255.]

NOTOSINISTER Finlay, 1927, Trans. New Zeal. Inst., 57, p. 384. O.T. *fascelina* Suter.

891. *maculosus* Hedley, 1903, Proc. Linn. Soc. N.S.W., 27, p. 614, pl. 32, figs. 32, 33. Sydney, N.S.W. Laseron, 1954, loc. cit., p. 145, fig. 1 (H.587).

892. *tricolor* Laseron, 1954, Rec. Aust. Mus., 23, p. 146, fig. 4. Crookhaven Heads, N.S.W.

893. *sarcira* Laseron, 1954, Rec. Aust. Mus., 23, p. 146, fig. 5. Near Sydney, N.S.W., 14 fm.

894. *labiatus* A. Adams, 1853, Proc. Zool. Soc. Lond., 1851, p. 279. Sydney, N.S.W. Hedley, 1903, loc. cit., p. 617, pl. 33, figs. 42-44. Laseron, 1954, loc. cit., p. 147, fig. 6 (H.586).

895. *univitta* Laseron, 1954, Rec. Aust. Mus., 23, p. 145, fig. 2. Off Long Reef, near Sydney, N.S.W., 14 fm.

896. *robustus* Laseron, 1954, Rec. Aust. Mus., 23, p. 147, fig. 7. Port Jackson, N.S.W.

897. *pocula* Laseron, 1954, Rec. Aust. Mus., 23, p. 148, fig. 8. Clarence River, north N.S.W.

898. *ampulla* Hedley, 1903, Proc. Linn. Soc. N.S.W., 27, p. 615, pl. 33, figs. 38-39. Sydney, N.S.W. Laseron, 1954, loc. cit., p. 148, fig. 9 (H.579).

899. *granifer* Henn and Brazier, 1894, Proc. Linn. Soc. N.S.W., 19, p. 173, pl. 14, fig. 10. Port Jackson, N.S.W. Hedley, 1903, Proc Linn. Soc. N.S.W., 27, p. 610, pl. 33, figs. 28-29. Laseron, 1954, loc. cit., p. 148, figs. 10, 10a (H.583).

900. *topazicus* Laseron, 1954, Rec. Aust. Mus., 23, p. 149, figs. 11, 11a. Cronulla, N.S.W.

901. *alborda* Laseron, 1954, Rec. Aust. Mus., 23, p. 149, figs. 12, 12a, 12b. Near Sydney, N.S.W., 14 fm.

902. *glaciala* Laseron, 1954, Rec. Aust. Mus., 23, p. 150, figs. 13, 13a. Port Jackson, N.S.W.

903. *jacksonensis* Laseron, 1954, Rec. Aust. Mus., 23, p. 150, figs. 14, 14a, 25, 25a. Port Jackson, N.S.W. Hedley, 1903, Proc. Linn. Soc. N.S.W., 27, p. 610 (*angasi*, not of Crosse and Fischer, 1865, from Sth. Australia). (? = *nigrofusca* A. Adams, 1853, Proc. Zool. Soc. Lond., 1851, p. 278. Sydney, N.S.W., not determinable). Laseron, 1954, loc. cit., p. 151 (H.580).

904. *albovittatus* Hedley, 1903, Proc. Linn. Soc. N.S.W., 27, p. 609, pl. 32, figs. 26, 27. Sydney Harbour, N.S.W. Laseron, 1954, loc. cit., p. 151, figs. 15, 15a (H.578).

905. *innotabilis* Hedley, 1903, Proc. Linn. Soc. N.S.W., 27, p. 608, pl. 32, figs. 23-25. Sydney Harbour, N.S.W. Laseron, 1954, loc. cit., p. 152, figs. 16, 16a (H.584).

906. *regina* Hedley, 1903, Proc. Linn. Soc. N.S.W., 27, p. 608, pl. 32, fig. 21. Sydney Harbour, N.S.W. Laseron, 1954, loc. cit., p. 152, figs. 17, 29.

907. *fasciatus* Tenison-Woods, 1879, Proc. Roy. Soc. Tasm., 1878, p. 34. North Tasmania. Hedley, 1908, Proc. Linn. Soc. N.S.W., 27, p. 615, pl. 33, figs. 40, 41. Port Jackson, N.S.W. Laseron, 1954, loc. cit., p. 152, figs. 18, 18a (H.582).

908. *nocturnus* Hedley, 1903, Proc. Linn. Soc. N.S.W., 27, p. 614, pl. 32, figs. 30, 31. Sydney Harbour, N.S.W. Laseron, 1954, loc. cit., p. 153, figs. 19, 19a (H.589).

909. *fulvalinearis* Laseron, 1954. Rec. Aust. Mus., 23, p. 153, figs. 20, 20a. Near Sydney, N.S.W.

910. *stramentius* Laseron, 1954, Rec. Aust. Mus., 23, p. 154, fig. 22. Port Stephens, N.S.W.

NANAPHORA Laseron, 1958, Aust. J. Mar. Freshw. Res., 9, p. 614. O.T. *torquesa* Laseron.

911. *tricolor* Laseron, 1958, Aust. J. Mar. Freshw. Res., 9, p. 618, figs. 151 (152 Caloundra). Angourie, near Clarence River, N.S.W.

ACLOPHORA Laseron, 1958, Aust. J. Mar. Freshw. Res., 9, p. 627 (p. 623). O.T. *robusta* Laseron.

912. *cinerea* Hedley, 1903, Proc. Linn. Soc. N.S.W., 27, p. 612, pl. 33, figs. 36, 37. Sydney Harbour, N.S.W. Laseron, 1954, loc. cit., p. 154, figs. 21, 21a (H.581).

913. *conferta* Laseron, 1954, Rec. Aust. Mus., 23, p. 145, fig. 3. Broken Bay, N.S.W.

914. *grandiosa* Laseron, 1954, Rec. Aust. Mus., 23, p. 155, fig. 30. Woolgoolga, N.S.W.

ISOTRIPHORA Cotton and Godfrey, 1930. South Aust. Nat., 12, p. 52. O.T. *tasmanica* Tenison-Woods.

915. *tasmanica* Tenison-Woods, 1876, Proc. Roy. Soc. Tasm., 1875, p. 28. Tasmania. Hedley, 1903, Proc. Linn. Soc. N.S.W., 27, p. 612, pl. 32, fig. 22. Off Wollongong, N.S.W., 100 fm. Laseron, 1954, loc. cit., p. 156, fig. 24. Twofold Bay, N.S.W. (H.590).

916. *echina* Laseron, 1954, Rec. Aust. Mus., 23, p. 155, figs. 23, 23a. Near Sydney, N.S.W., 14 fm.

TERETRIPHORA Finlay, 1927, Trans. New Zeal. Inst., 57, p. 384. O.T. *huttoni* Suter.

917. *kesteveni* Hedley, 1903, Proc. Linn. Soc. N.S.W., 27, p. 618, pl. 33, fig. 45. Sydney Harbour, N.S.W. Laseron, 1954, loc. cit., p. 156, fig. 26. (H.585).

SOLOSINISTER Laseron, 1954, Rec. Aust. Mus., 23, p. 157. O.T. *pagoda* Laseron.

918. *pagoda* Laseron, 1954, Rec. Aust. Mus., 23, p. 157, figs. 27, 27a. Port Stephens, N.S.W.

MAGNOSINISTER Laseron, 1954, Rec. Aust. Mus., 23, p. 157. O.T. *hedleyi* Laseron.

919. *hedleyi* Laseron, 1954, Rec. Aust. Mus., 23, p. 158, fig. 28. Near Sydney, N.S.W.

*Family* TURRITELLIDAE

SPIROCOLPUS Finlay, 1927, Trans. New Zeal. Inst., 57, p. 388. O.T. *waihaiensis* Marwick.

920. *curialis* Hedley, 1907, Rec. Aust. Mus., 6, p. 357, pl. 67, fig. 19. Off Sydney, N.S.W., 800 fm. (H.592).

921. *joannae* Hedley, 1923, Proc. Linn. Soc. N.S.W., 48, p. 311. New name for *Turritella crenulata* Donald, 1900, Proc. Malacol. Soc., 4, p. 52, pl. 5, figs. 22 a, b (not *T. crenulata* Nyst, 1843). Off Sydney, N.S.W., 410 fm. (H.591).

GAZAMEDA Iredale, 1924, Proc Linn. Soc. N.S.W., 49, p. 247. O.T. *gunnii* Reeve.

922. *gunnii* Reeve, 1849, Conch. Icon., 5, *Turritella*, pl. 9, fig. 45. Tasmania. Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, p. 247, pl. 36, figs. 3, 12, 13. Twofold Bay, N.S.W. (H.593).

923. *decoramen* Iredale, 1936, Rec. Aust. Mus., 19, p. 292, pl. 21, fig. 20. Off Sydney, N.S.W., 65-70 fm.

924. *tasmanica* Reeve, 1849, Conch. Icon., 5, *Turritella*, pl. 9, fig. 42. Tasmania. Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, p. 250, pl. 36, figs. 11, 14. Twofold Bay, N.S.W., 25 fm.) (= *subsquamosa* Dunker, 1871, Mal. Blatt. 18, p. 152. Bass Strait) (H.600).

COLPOSPIRA Donald, 1900, Proc. Malacol. Soc., 4, p. 51. O.T. *runcinata* Watson.

925. *runcinata* Watson, 1881, J. Linn. Soc. Lond., Zool., 15, p. 218. Bass Strait, 38-40 fm. Id. ib., 1886, Rep. Sci. Res. Challenger., Zool., 25, p. 475, pl. 30, fig. 3.

926. *sinuata* Reeve, 1849, Conch. Icon., 5, *Turritella*, pl. 11, fig. 62. Port Jackson, N.S.W. Donald, 1900, Proc. Malacol. Soc., 4, pl. 5, fig. 3 (= *sophiae* Brazier, 1883, Proc. Linn. Soc. N.S.W., 8, p. 227. Port Jackson, N.S.W. Iredale, 1925, Rec. Aust. Mus., 14, pl. 43, fig. 23) (H.597).

PLATYCOLPUS Donald, 1900, Proc. Malacol. Soc., 4, p. 54. O.T. *quadratus* Donald.

927. *quadratus* Donald, 1900, Proc. Malacol. Soc., 4, p. 54, pl. 5, figs. 8, 8a. Bass Strait, 45 fm. Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, p. 249, pl. 36, fig. 5. Twofold Bay, N.S.W., 25-70 fm.

928. *scitulus* Donald, 1900, Proc. Malacol. Soc., 4, p. 54, pl. 5, fig. 9. Port Jackson, N.S.W. (H.596).

929. *guilleaumei* Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, p. 248, pl. 36, figs. 4, 15. Twofold Bay, N.S.W., 15 fm.

STIRACOLPUS Finlay, 1927, Trans. New Zeal. Inst., 57, p. 389. H.T. *symmetricus* Hutton.

930. *smithianus* Donald, 1900, Proc. Malacol. Soc., 4, p. 52, pl. 5, fig. 1. Off Sydney, N.S.W., 410 fm. (H.598).

CTENOCOLPUS Iredale, 1925, Rec. Aust. Mus., 14, p. 266. O.T. *australis* Lamarck.

931. *diffidens* Iredale, 1925, Rec. Aust. Mus., 14, p. 266, pl. 43, fig. 17. Off Gabo I., Victoria, 8-15 fm.

GLYPTOZARIA Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, p. 248. H.T. *opulenta* Hedley.

932. *opulenta* Hedley, 1901, Rec. Aust. Mus., 6, p. 292, pl. 54, fig. 9. Off Cape Three Points, N.S.W., 41-50 fm. Laseron, 1951, Rec. Aust. Mus., 22, p. 333, fig. 91. Off Crookhaven, N.S.W., 30-35 fm. (H.594).

*Family* CAECIDAE

*Subfamily* CAECINAE

CAECUM Fleming, 1813, Edinb. Encycl. (Brewster), 7, p. 67. H.T. *trachea* Montagu.

933. *amputatum* Hedley, 1894, Proc. Linn. Soc. N.S.W., 18, p. 504, text fig. Port Jackson, N.S.W. (H.601).

934. *lilianum* Hedley, 1903, Proc. Linn. Soc. N.S.W., 27, p. 603, pl. 29, fig. 7. Near Sydney, N.S.W. (H.602).

*Subfamily* PEDUMICRINAE

PEDUMICRA Iredale and Laseron, 1957, Proc. Roy. Zool. Soc. N.S.W., 1955-6, p. 104, O.T. *cygnicollis* Hedley.

935. *cygnicollis* Hedley, 1904, Proc. Linn. Soc. N.S.W., 28, p. 189, pl. 8, figs. 12-14. Sydney Harbour, N.S.W. Iredale and Laseron, 1957, loc. cit., p. 104, pl. 2, figs. 26, 27 (H.603).

*Family* CTILOCERATIDAE

CTILOCERAS Watson, 1886, Rep. Sci. Res. Challenger, Zool., 15, p. 465. H.T. *cyclicum* Watson.

936. *variciferum* Iredale and Laseron, 1957, Proc. Roy. Zool. Soc. N.S.W., 1955-6, p. 100, pl. 1, figs. 6, 7. Hope I., Queensland (Id. ib. Angourie N.S.W.).

*Family* LIPPISTIDAE

SEPARATISTA Gray, 1847, Proc. Zool. Soc. Lond., 1847, p. 136. O.T. *helicina* Gmelin (based on *helicina* Chemnitz, 1788, Conch. Cab., 10 figs. 1589-90).

937. *fraterna* Iredale, 1936, Rec. Aust. Mus., 19, p. 293. Port Jackson, N.SW. Not figured. Cf. Hedley, 1901, Rec. Aust. Mus., 4, p. 126, pl. 17, figs. 22, 23.

*Family* SIRIIDAE

SIRIUS Hedley, 1900, Proc. Linn. Soc. N.S.W., 25, p. 88. O.T. *badius* Tenison-Woods.

938. *badius* Tenison-Woods, 1878, Proc. Linn. Soc. N.S.W., 2, p. 264. Off Port Jackson, N.S.W., 45 fm. Hedley, 1900, Proc. Linn. Soc. N.S.W., 25, p. 88, pl. 3, fig. 8 (H.610).

939. *meracus* Iredale, 1936, Rec. Aust. Mus., 19, p. 292, pl. 21, fig. 21. Off Green Cape, N.S.W., 75 fm.

940. *desponsus* Iredale, 1936, Rec. Aust. Mus., 19, p. 293. Off Port Macquarie, N.S.W., 100 fm.

OPPOSIRIUS Iredale, 1931, Rec. Aust. Mus., 18, p. 210. O.T. *idoneus* Iredale.

941. *idoneus* Iredale, 1931, Rec. Aust. Mus., 18, p. 210, pl. 22, fig. 7. Sydney Harbour, N.S.W.

DOLICHOSIRIUS Iredale, 1931, Rec. Aust. Mus., 18, p. 211. O.T. *cupiens* Iredale.

942. *cupiens* Iredale, 1931, Rec. Aust. Mus., 18, p. 211, pl. 22, fig. 8. Sydney Harbour, N.S.W.

ICUNCULA Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, p. 251. O.T. *torcularis* Tenison-Woods.

943. *torcularis* Tenison-Woods, 1878, Proc. Linn. Soc. N.S.W., 2, p. 268. Off Port Jackson, N.S.W., 45 fm. Hedley, 1901, Rec. Aust. Mus., 4, p. 22, fig. 2 (H.608).

944. *zodiacus* Hedley, 1907, Proc. Linn. Soc. N.S.W., 32, p. 502, pl. 18, fig. 30. Capricorn Group, S. Queensland (H.609).

*Family* CROSSEOLIDAE

CROSSEOLA Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, p. 251. O.T. *concinna* Angas.

945. *concinna* Angas, 1868, Proc. Zool. Soc. Lond., 1867, p. 911, pl. 44, fig. 14. Port Jackson, N.S.W. (H.605).

946. *carinata* Hedley, 1903, Mem. Aust. Mus., 4, p. 345, fig. 71. Off Port Kembla, N.S.W., 63-75 fm. (H.604).

947. *naticoides* Hedley, 1907, Rec. Aust. Mus., 6, p. 290, pl. 54, figs. 6, 7. Off Narrabeen, N.S.W., 80 fm. (H.607).

DOLICROSSEA Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, p. 251. O.T. *labiata* Tenison-Woods.

948. *labiata* Tenison-Woods, 1876, Proc. Roy. Soc. Tasm., 1875, p. 151. Tasmania. Hedley, 1900, Proc. Linn. Soc. N.S.W., 25, p. 500, pl. 26, fig. 18 (H.606).

COUTHOUYIA A. Adams, 1860, Ann. Mag. Nat. Hist., (3), 5, p. 410. H.T. *decussata* Couthouy.

949. *gracilis* Henn and Brazier, 1894, Proc. Linn. Soc. N.S.W., 19, p. 169, pl. 14, fig. 4. Port Jackson, N.S.W. Hedley, 1900, Proc. Linn. Soc. N.S.W., 25, p. 506, pl. 26, fig. 13 (H.611).

HALOTAPADA Iredale, 1936, Rec. Aust. Mus., 19, p. 293. O.T. *nubila* Iredale.

950. *nubila* Iredale, 1936, Rec. Aust. Mus., 19, p. 293, pl. 21, fig. 22. Off Jervis Bay, N.S.W., 65 fm.

*Family* SILIQUARIIDAE

SILIQUARIA Bruguiere, 1789, Ency. Meth., Vers., 1, p. 25. L.T. (Herrmannsen, 1848, Ind. Gener. Malac., 2, p. 455) *anguina* Linne.

951. *weldii* Tenison-Woods, 1876, Proc. Roy. Soc. Tasm., 1875, p. 144. East Tasmania. Tryon, 1886, Man. Conch., 8, p. 181, pl. 58, fig. 28 (H.616).

952. *australis* Quoy and Gaimard, 1834, Voy. Astrol., Zool., 3, p. 302. Western Port, Victoria. Allan, 1950, Aust. Shells, p. 93, pl. 20, fig. 26 (N.S.W.).

STEPHOPOMA Morch, 1860, J. de Conch., 8, p. 42. L.T. (Cossmann, 1912, Essais Pal. Comp. 9, p. 134) *rosea* Quoy and Gaimard.

953. *tricuspe* Morch, 1861, Proc. Zool. Soc. Lond., 1861, p. 150, pl. 35, fig. 1. Port Jackson, N.S.W. Hedley, 1913, Proc. Linn. Soc. N.S.W., 38, p. 294, pl. 19, figs. 72-74 (H.615).

SERPULORBIS Sassi, 1827, Giorn. Ligustico, 1, p. 483. H.T. *polyphragma* Sassi.

954. *sipho* Lamarck, 1818, Hist. Anim. s. Vert., 5, p. 367. Timor. Quoy and Gaimard, 1834, Voy. Astrol., Zool., 3, p. 289, pl. 67, figs. 8-10. (King George's Sound, W.A.) *(arenarius,* not of Linne, 1758). Hedley, 1903, Proc. Linn. Soc. N.S.W., 27, p. 602. (N.S.W.) (H.613).

955. *waitei* Hedley, 1903, Mem. Aust. Mus., 4, p. 346, fig. 72. Off Port Kembla, N.S.W., 63-75 fm. (H.614).

956. *hedleyi* Finlay, 1927, Trans. New Zeal. Inst., 57, p. 495. New name for *Vermicularia nodosa* Hedley, 1907, Rec. Aust. Mus., 6, p. 292, pl. 54, fig. 8 (not *V. nodosa* Kaunhowen, 1897). Off Narrabeen, N.S.W. (H.612).

957. *constrictor* Morch, 1862, Proc. Zool. Soc. Lond., 1862, p. 63. Port Jackson, N.S.W. Hedley, 1913, Proc. Linn. Soc. N.S.W., 38, p. 294, pl. 18, fig. 71 (type).

MAGILINA Velain, 1877, Arch. Zool. Exper., 6, p. 106. H.T. *serpuliformis* Velain.

958. *caperata* Tate and May, 1900, Trans. Roy. Soc. South Aust., 24, p. 94. North Tasmania. Id., 1901, Proc. Linn. Soc. N.S.W., 26, p. 377, pl. 23, fig. 14 (H.617).

*Family* JANTHINIDAE

JANTHINA Bolten-Roding, 1798, Mus. Bolten., 2, p. 75. T.T. *violacea* Bolten-Roding.

959. *violacea* Bolten-Roding, 1798, Mus. Bolten., 2, p. 75. Atlantic Ocean. Knorr, 1764, Schnecken und Muscheln, Theil 2, pl. 30, figs. 2-3 (H.621).

960. *planospirata* A. Adams and Reeve, 1850, Zool. Voy. Samarang, p. 54, pl. 11, fig. 10. Atlantic Ocean.

VIOLETTA Iredale, 1929, Mem. Queensland Mus., 9, p. 279. H.T. *globosa* Swainson.

961. *globosa* Swainson, 1826, Zool. Illus., 2, pl. 85. Atlantic Ocean (H.619).

IODINA Morch, 1860, J. de Conch., 8, p. 282, L.T. (Powell, 1957, Shells New Zealand, p. 98) *exigua* Lamarck.

962. *capreolata* Montrouzier, 1859, J. de Conch., 8, p. 375. New Caledonia. Id. ib., 1860, 8, p. 114, pl. 2, fig. 4 (H.618).

963. *nitida* A. Adams, 1869, Proc. Zool. Soc. Lond., 1868, p. 620. Off Tahiti, Pacific Ocean. Not figured. Cf. *umbilicata* Orbigny, Tryon, 1887, Man. Conch., 9, pl. 10, fig. 21 (H.620).

*Family* RECLUZIIDAE

RECLUZIA Petit, 1863, J. de Conch., 4, p. 117. O.T. *jehennei* Petit.

964. *hargravesi* Cox, 1870, Proc. Zool. Soc. Lond., 1870, p. 172, pl. 16, fig. 8. Port Stephens, N.S.W. (H.622).

*Family* STRUTHIOLARIIDAE

TYLOSPIRA Harris, 1897, Cat. Tert. Moll. Brit. Mus., 1, p. 222. O.T. *scutulata* Gmelin.

965. *scutulata* Gmelin, 1791, Syst. Nat., pt. 6, p. 3498. Botany Bay, N.S.W. Martyn, 1784, Univ. Conch., pl. 55 (*scutulata*, non-binomial). Allan, 1950, Aust. Shells, p. 96, pl. 14, fig. 3 (H.623).

*Family* ZEMIRIDAE

ZEMIRA H. and A. Adams, 1853, Gen. Rec. Moll., p. 110. H.T. *australis* Sowerby.

966. *australis* Sowerby, 1841, Conch. Illus., p. 20, List, No. 8, *Eburna*, fig. 5. Port Jackson, N.S.W. Allan 1950, Aust. Shells, p. 96, text fig. 22, fig. 7, on p. 91 (H.624).

*Family* MERRIIDAE

MERRIA Gray, 1839, Zool. Beechey's Voy., p. 137. H.T. *cancellata* Lamarck (*Vanikoro* olim).

967. *foveolata* Souverbie and Montrouzier, 1866, J. de Conch., 25, p. 138, pl. 6, fig. 6. New Caledonia (*orbignyana* Recluz is probably Western Australian, not eastern Australia or Tasmania) (H.625).

968. *sigaretiformis* Potiez and Michaud, 1838, Galerie de Douai, p. 508, pl. 35, figs. 21-22. No loc. (= Sydney, N.S.W.) (= *recluziana* A. Adams and Angas, 1864, Proc. Zool. Soc. Lond., 1863, p. 424. Port Jackson, N.S.W.). Hedley, 1912, Rec. Aust. Mus., 8, p. 142, pl. 42, figs. 21, 22 (H.626).

NARICAVA Hedley, 1913, Proc. Linn. Soc. N.S.W., 38, p. 294. O.T. *angasi* A. Adams and Angas.

969. *angasi* A. Adams and Angas, 1864, Proc. Zool. Soc. Lond., 1863, p. 424, pl. 37, figs. 11-12. Near Sydney, N.S.W. (H.627).

970. *angulata* Hedley, 1905, Rec. Aust. Mus., 6, p. 50, fig. 15. Off Cape Byron, north N.S.W., 111 fm. (H.628).

971. *vincentiana* Angas, 1880, Proc. Zool. Soc. Lond., 1880, p. 417, pl. 15, fig. 9. St. Vincent Gulf, South Australia.

TROPIDORBIS Iredale, 1936, Rec. Aust. Mus., 19, p. 294. O.T. *mendicus* Iredale.

972. *mendicus* Iredale, 1936, Rec. Aust. Mus., 19, p. 294, pl. 24, fig. 1. Off Jervis Bay, N.S.W., 65 fm.

*Family* XENOPHORIDAE

XENOPHORA G. Fischer, 1807, Mus. Demidoff., 3, p. 213. H.T. *laevigata* G. Fischer (= *conchyliophora* Born).

973. *peroniana* Iredale, 1929, Rec. Aust. Mus., 17, p. 172. Off coast N.S.W., 60-70 fm. Allan, 1927, Aust. Mus. Mag., 3, p. 57, photo (H.629).

973A. *helvacea* Philippi, 1851, Zeitsch. f. Malak., 8, p. 44. China Seas (?). Id., 1855, Conch. Cab. (cont.), Bd. 2, Abt. 3, p. 343, pl. 47, fig. 1.

*Family* STROMBIDAE

EUPROTOMUS Gill, 1870, Amer. J. Conch., 5, p. 130. H.T. *aurisdianae* Linne.

974. *donnellyi* Iredale, 1931, Rec. Aust. Mus., 18,

p. 212, pl. 23, fig. 19. Sydney Harbour, N.S.W.

DOXANDER Iredale, 1931, Rec. Aust. Mus., 18, p. 212. O.T. *vittatus* Linne.

975. *vittatus* Linne, 1758, Syst. Nat., 10 ed., p. 745. Amboina. Rumph, 1741, Amboin. Rariteitk., pl. 36. fig. 0. Iredale, 1931, Rec. Aust. Mus., 18, p. 212. Sydney Harbour, N.S.W.

976. *campbellii* Griffith and Pidgeon, 1834, Anim. Kingd. (Cuvier), 12, p. 600, pl. 25, fig. 6. East Australia (H.630).

LABIOSTROMBUS Oostingh, 1925, Med. Landb. Wagen. (Ned.), Deel 29, (1), p. 58. O.T. *succinctus* Linne.

977. *dilatatus* Swainson, 1821, Zool. Illus., (1), pl. 71. East Indies. Iredale, 1929, Aust. Zool., 5, p. 344. Sydney Harbour, N.SW.

CONOMUREX Fischer, 1884, Man. de Conch, livr. 72, p. 670. H.T. *luhuanus* Linne.

978. *luhuanus* Linne, 1758, Syst. Nat., 10 ed., p. 744. Amboina. Rumph, 1741, Amboin. Rariteitk., pl. 37, fig. V (H.632).

DOLOMENA Iredale, 1931, Rec. Aust. Mus., 18, pp. 212, 232. O.T. *pulchella* Reeve.

979. *pulchella* Reeve, 1851, Conch. Icon., 6, *Strombus,* pl. 19, fig. 52. I. Ticao, Philippine Islands. Iredale, 1931, Rec. Aust. Mus., 18, p. 212, pl. 23, fig. 12. Sydney Harbour, N.S.W.

CANARIUM Schumacher, 1817, Essai nouv. Syst. Test., pp. 66, 219. H.T. *ustulatum* Schumacher.

980. *flammeum* Link, 1807, Beschr. Nat. Samml. Rostock, (3), p. 108. No loc. = East Indies. (= *floridus* Lamarck, 1822, Hist. Anim. s. Vert., 7, p. 211. Kiener, 1843, Coq. Vivants, *Strombus,* pl. 32, fig. 18), (*urceus* of Hedley, 1918, not of Linne, 1758) (H.633).

981. *urceus* Linne, 1758, Syst. Nat., 10, ed., p. 745. Amboina. Rumph, 1741, Amboin. Rariteitk., pl. 37, fig. T. Iredale, 1929, Aust. Zool., 5, p. 344. Sydney Harbour, N.S.W.

982. *otiolum* Iredale, 1931, Rec. Aust. Mus., 18, p. 212, pl. 23, fig. 6. Sydney Harbour, N.S.W. (= *elegans* Angas 1877, Proc. Zool. Soc. Lond., 1877, p. 185. Sydney Harbour, N.S.W. (not *S. elegans* Sowerby, 1842)) (H.631).

*Family* PTEROTRACHEIDAE

FIROLOIDA Lesueur, 1817, J. Acad. Nat. Sci. Philad., 1, p. 38. O.T. *desmaresti* Lesueur.

983. *desmaresti* Lesueur, 1817, J. Acad. Nat. Sci. Philad., 1, p. 39, pl. 2, fig. 1. Atlantic Ocean. Hedley, 1902, Mem. Aust. Mus., 4, p. 402. Off Watamooli, N.S.W. (H.634).

984. *kowalewskyi* Vayssiere, 1904, Res. Camp. Sci. Monaco, 26, p. 45, pl. 4, figs. 61-65. Atlantic Ocean. Dakin and Colefax, 1940, Publ. Univ. Syd. Zool., Mon. 1, p. 205, pl. 3, fig. 2. N.S.W.

PTEROTRACHEA Gmelin, 1791, Syst. Nat., pt. 6, p. 3137 (ex Forskal, 1775, non-binomial). L.T. (Gray, 1847, Proc. Zool. Soc. Lond., 1847, p. 163) *coronata* Forskal.

985. *mutabilis* Tesch, 1906, Siboga Exped., Mon. 51, livr. 29, p. 88, pl. 13, figs. 86-89. Moluccas. Dakin and Colefax, 1940, Publ. Univ. Syd. Zool., Mon. 1, p. 206. N.S.W.

*Family* CARINARIIDAE

CARINARIA Lamarck, 1801, Syst. Anim. s. Vert., p. 95. H.T. *vitrea* Lamarck.

986. *australis* Quoy and Gaimard, 1833, Voy. Astrol., Zool., 2, p. 394, pl. 29, figs. 9, 13. Tasman Sea. Hedley and Petterd, 1906, Rec. Aust. Mus., 6, p. 223. Off Sydney, N.S.W., 300 fm. (H.635).

*Family* PTEROSOMATIDAE

PTEROSOMA Lesson, 1827, Mem. Soc. Hist. Nat. Paris, 3, p. 414. O.T. *planum* Lesson.

987. *planum* Lesson, 1827, Mem. Soc. Hist. Nat. Paris, 3, p. 414, pl. 10, fig. A. New Guinea. Hedley, 1895, Proc. Malacol. Soc., I, p. 333, figs. 1-4. Sydney, N.S.W. (H.636).

*Family* ATLANTIDAE

ATLANTA Lesueur, 1817, J. de Phys. (Paris), 85, p. 390. L.T. (Gray, 1847, Proc. Zool. Soc. Lond., 1847, p. 149) *peronii* Lesueur.

988. *inflata* Eydoux and Souleyet, 1852, Voy. Bonite, Zool., 2, p. 378, pl. 19, figs. 21-28. Atlantic Ocean. Hedley, 1903, Mem. Aust. Mus., 4, p. 402. Off Port Kembla, N.S.W. Allan, 1950, Aust. Shells, p. 97, fig. 13 on p. 91 (*peronii,* not of Lesueur 1817) (H.638).

989. *rosea* Eydoux and Souleyet, 1852, Voy. Bonite, Zool., 2, p. 378, pl. 19, figs. 16-20. Atlantic Ocean. Hedley, 1903, Mem. Aust. Mus., 4, p. 402. Off Port Kembla and off Cape Three Points, N.S.W. (H.639).

990. *turriculata* Orbigny, 1836, Voy. Amer. Merid., 5, p. 173, Moll., p. 120, figs. 5-11. South Atlantic Ocean. Hedley, 1903, Mem. Aust. Mus., 4, p. 401. Off Port Kembla and off Cape Three Points, N.S.W. (H.640).

OXYGYRUS Benson, 1837, J. Asiat. Soc. Bengal, 6, p. 316. L.T. (Gray, 1847, Proc. Zool. Soc. Lond., 1847, p. 148) *keraudrenii* Lesueur.

991. *keraudrenii* Lesueur, 1817, J. de Phys. (Paris), 85, p. 391, pl. 2. Atlantic Ocean. Hedley, 1907, Rec. Aust. Mus., 6, p. 299. Off Narrabeen, N.S.W. (H.637).

*Family* EPITONIIDAE

**[Ref.:—Iredale,** 1936, Rec. Aust. Mus., 19, pp. 294-306, pl. 22.]

LAMELLISCALA Boury, 1909, J. de Conch., 57, p. 258. O.T. *fasciata* Sowerby.

992. *parspeciosa* Iredale, 1929, Aust. Zool., 5, p. 345, pl. 38, fig. 14. Sydney Harbour, N.S.W. Iredale, 1936, loc. cit., p. 295, pl. 22, fig. 1.

MAZESCALA Iredale, 1936, Rec. Aust. Mus., 19, p. 296. O.T. *thrasys* Iredale.

993. *thrasys* Iredale, 1936, Rec. Aust. Mus., 19, p. 296, pl. 22, fig. 2. Off Green Cape, N.S.W., 70 fm.

994. *heloris* Iredale, 1936, Rec. Aust. Mus., 19, p. 296, pl. 22, fig. 3. Sydney Harbour, N.S.W.

995. *bellicosa* Hedley, 1907, Rec. Aust. Mus., 6, p. 360, pl. 67, fig. 18. Off Sydney, N.S.W., 800 fm. Iredale, 1936, loc. cit., p. 296, pl. 22, fig. 4 (H.643).

LAEVISCALA Boury, 1909, J. de. Conch., 57, p. 257. O.T. *subauriculata* Souverbie.

996. *tacita* Iredale, 1936, Rec. Aust. Mus., 19, p. 297, pl. 22, fig. 5. Sydney Harbour, N.S.W. (H.641).

ACUTISCALA Boury, 1909, J. de Conch., 57, p. 257. O.T. *philippinarum* Sowerby.

997. *minora* Iredale, 1936, Rec. Aust. Mus., 19, p. 297, pl. 22, fig. 6. Sydney Harbour, N.S.W. (H.657).

998. *ampacta* Iredale, 1936, Rec. Aust. Mus., 19, p. 298, pl. 22, fig. 7. Sydney Harbour, N.S.W. (H.647).

999. *fabia* Iredale, 1936, Rec. Aust. Mus., 19, p. 298, pl. 22, fig. 8. Sydney Harbour, N.S.W.

1000. *coreta* Iredale, 1936, Rec. Aust. Mus., 19, p. 298, pl. 22, fig. 9. Off Green Cape, N.S.W., 70 fm.

PUDENTISCALA Iredale, 1936, Rec. Aust. Mus., 19, p. 299. H.T. *christyi* Iredale.

1001. *christyi* Iredale, 1936, Rec. Aust. Mus., 19, p. 298, pl. 22, fig. 10. Sydney Harbour, N.S.W.

LIMISCALA Boury, 1909, J. de Conch., 57, p. 258. O.T. *lyra* Sowerby.

1002. *helicornua* Iredale, 1936, Rec. Aust. Mus., 19, p. 299, pl. 22, fig. 11. Sydney Harbour, N.S.W. (H.653).

OBSTOPALIA Iredale, 1936, Rec. Aust. Mus., 19, p. 299. O.T. *lixa* Iredale.

1003. *lixa* Iredale, 1936, Rec. Aust. Mus., 19, p. 299, pl. 22, fig. 12. Off Green Cape, N.S.W., 70 fm. (H.654).

SOLVACLATHRUS Iredale, 1936, Rec. Aust. Mus., 19, p. 299. O.T. *jacobiscala* Iredale.

1004. *jacobiscala* Iredale, 1936, Rec. Aust. Mus., 19, p. 299, pl. 22, fig. 14. Sydney Harbour, N.S.W. (H.646).

FOLACEISCALA Boury, 1912, J. de Conch., 60, p. 93. O.T. *dubia* Sowerby.

1005. *carchedon* Iredale, 1936, Rec. Aust. Mus., 19, p. 300, pl. 22, fig. 13. Sydney Harbour, N.S.W.

1006. *barissa* Iredale, 1936, Rec. Aust. Mus., 19, p. 300, pl. 22, fig. 15. Sydney Harbour, N.S.W.

1007. *antisoa* Iredale, 1936, Rec. Aust. Mus., 19, p. 300, pl. 22, fig. 16. Sydney Harbour, N.S.W.

CRENULISCALA Iredale, 1936, Rec. Aust. Mus., 19, p. 301. O.T. *pindasa* Iredale.

1008. *pindasa* Iredale, 1936, Rec. Aust. Mus., 19, p. 301, pl. 22, fig. 17. Sydney Harbour, N.S.W.

NARVALISCALA Iredale, 1936, Rec. Aust. Mus., 19, p. 301. O.T. *dorysa* Iredale.

1009. *dorysa* Iredale, 1936, Rec. Aust. Mus., 19, p. 301, pl. 22, fig. 18. Off Gabo I., Victoria, 150-200 fm.

MURDOCHELLA Finlay, 1927, Trans. New Zeal. Inst., 7, p. 402. O.T. *laevifoliata* Murdoch and Suter.

1010. *macrina* Iredale, 1936, Rec. Aust. Mus., 19, p. 302, pl. 22, fig. 19. Off Narrabeen, N.S.W., 80 fm. (H.648).

DISSOPALIA Iredale, 1936, Rec. Aust. Mus., 19, p. 302. O.T. *turrisphari* Hedley.

1011. *turrisphari* Hedley, 1905, Rec. Aust. Mus., 6, p. 52, fig. 18 in text. Off Cape Byron, north N.S.W., 111 fm. Iredale, 1936, loc. cit., p. 302, pl. 22, fig. 20 (H.655).

PLASTISCALA Iredale, 1936, Rec. Aust. Mus., 19, p. 302. O.T. *morchi* Angas.

1012. *morchi* Angas, 1871, Proc. Zool. Soc. Lond., 1871, p. 15, pl. 1, fig. 7. Port Jackson, N.S.W. Iredale, 1936, loc. cit., p. 302, pl. 22, fig. 21 (H.649).

1013. *bentha* Iredale, 1936, Rec. Aust. Mus., 19, p. 303, pl. 22, fig. 23. Off Wattamolla, N.S.W., 54-59 fm.

1014. *profundior* Iredale, 1936, Rec. Aust. Mus., 19, p. 303, pl. 22, fig. 22. Off Sydney, N.S.W., 250 fm.

POMISCALA Iredale, 1936, Rec. Aust. Mus., 19, p. 303. O.T. *perplicata* Iredale.

1015. *perplicata* Iredale, 1929, Aust. Zool., 5, p. 344. Sydney, N.S.W. Id., 1936, loc. cit., p. 303, pl. 22, fig. 24 (H.650).

DANNEVIGENA Iredale, 1936, Rec. Aust. Mus., 19, p. 303. O.T. *martyr* Iredale.

1016. *martyr* Iredale, 1936, Rec. Aust. Mus., 19, p. 303, pl. 22, fig. 25. S. of Gabo I., Victoria, 115-145 fm.

OPALIA H. and A. Adams, 1853, Gen. Rec. Moll., 1, p. 222. O.T. *australis* Lamarck.

1017. *australis* Lamarck, 1822, Hist. Anim. s. Vert., 6, (2), p. 228. Port Jackson, N.S.W. Iredale, 1936, loc. cit., p. 304, pl. 22, fig. 26 (H.642).

NODISCALA Boury, 1889, Bull. Soc. Mal. Ital., 14, p. 161. O.T. *bicarinata* Sowerby.

1018. *apostolorum* Iredale, 1936, Rec. Aust. Mus., 19, p. 304, pl. 22, fig. 27. Sydney Harbour, N.S.W.

RECTACIRSA Iredale, 1936, Rec. Aust. Mus., 19, p. 305. O.T. *fregata* Iredale.

1019. *fregata* Iredale, 1936, Rec. Aust. Mus., 19, p. 305, pl. 22, fig. 28. Off Sydney, N.S.W., 250 fm.

GRANULISCALA Boury, 1909, J. de Conch., 57, p. 256. O.T. *granosa* Quoy and Gaimard.

1020. *ballinensis* Smith, 1891, Ann. Mag. Nat. Hist., (6), 7, p. 139. Ballina, north N.S.W. Hedley, 1901, Proc. Linn. Soc. N.S.W., 26, p. 701, pl. 34, fig. 21. Iredale, 1936, loc. cit., p. 306, pl. 22, fig. 30 (H.645). (Hedleys No. 656 *unilaterale* Martens was listed purely in error. No record from N.S.W.)

GLOBOSCALA Boury, 1909, J. de Conch, 57, p. 258. H.T. *bullata* Sowerby.

1021. *woolacottae* Kerslake, 1958, Proc. Roy. Zool. Soc. N.S.W., 1956-7, p. 157, fig. 1. Caloundra, Queensland (also from Long Reef, near Sydney and Botany Bay, N.S.W.).

*Family* MELANELLIDAE

[Ref.:—Laseron, 1955, Aust. Zool., 12, pp. 83-102, figs. 1-78.]

KOLOONELLA Laseron, 1959, Aust. J. Mar. Freshw. Res., 10, p. 246. O.T. *moniliformis* Hedley and Musson.

1022. *moniliformis* Hedley and Musson, 1894, Proc. Linn. Soc. N.S.W., 16, p. 247, pl. 19, figs. 1-3. Manly (= Curl Curl) Lagoon, N.S.W. Laseron, 1951, loc. cit., p. 235, fig. 67 (H.1074).

1023. *hasta* Laseron, 1951, Rec. Aust. Mus., 22, p. 325, figs. 66, 96. Port Jackson, N.S.W.

1024. *turrita* Petterd, 1884, J. of Conch., 4, p. 140. North Tasmania. Tate and May, 1901, Proc. Linn. Soc. N.S.W., 1901, p. 384, pl. 25, fig. 38. Laseron, 1951, loc. cit., p. 325, figs. 68, 97. Port Jackson, N.S.W. (H.1076).

1025. *coacta* Watson 1886, Rep. Sci. Res. Challenger, Zool., 15, p. 498, pl. 33, fig. 4. Torres Straits, 8 fm. May, 1923, Illus. Index Tasm. Shells, pl. 45, fig. 29. Laseron, 1951, Rec. Aust. Mus., 22, p. 326, fig. 69. Port Stephens, N.S.W.

1026. *tomacula* Laseron, 1951, Rec. Aust. Mus., 22, p. 326, fig. 70. Manly, N.S.W.

1027. *anabathron* Hedley, 1906, Proc. Linn. Soc. N.S.W., 30, p. 524, pl. 33, figs. 39, 40. Port Jackson, N.S.W. Laseron, 1951, loc. cit., p. 326, fig. 71 (H.1073).

1028. *minutissima* Laseron, 1951, Rec. Aust. Mus., 22, p. 326, fig. 72. Port Jackson, N.S.W.

EULIMAUSTRA Laseron, 1955, Aust. Zool, 12, p. 85. O.T. *proxima* Sowerby (spelt *Euliamaustra* p. 85 in error).

1029. *proxima* Sowerby, 1866, Conch. Icon. (Reeve), 15, *Eulima*, pl. 6, fig. 48. Port Jackson, N.S.W. Laseron, 1955, loc. cit., p. 85, pl. 1, figs. 1, 2 (H.1059).

1030. *anomala* Laseron, 1955, Aust. Zool., 12, p. 86, pl. 1, figs. 3, 4, 5. Woolgoolga, N.S.W.

HYPERMASTUS Pilsbry, 1899, Proc. Acad. Nat. Sci. Philad., 1899, p. 258. O.T. *coxi* Pilsbry.

1031. *coxi* Pilsbry, 1899, Proc. Acad. Nat. Sci. Philad., 1899, p. 258, pl. 11, figs. 3, 4. Port Stephens, N.S.W. Laseron, 1955, loc. cit., p. 86, pl. 1, figs. 6, 7, 8 (H.1055).

1032. *mucronatus* Sowerby, 1866, Conch. Icon. (Reeve), 15, *Eulima*, pl. 1, figs. 9, 10, 11. Port Jackson, N.S.W. Laseron, 1955, loc. cit., p. 86, pl. 1, figs. 9, 10, 11 (H.1057).

CHRYSEULIMA Laseron, 1955, Aust. Zool., 12, p. 87. O.T. *brazieri* Angas.

1033. *brazieri* Angas, 1877, Proc. Zool. Soc. Lond., 1877, p. 173, pl. 26, fig. 12. Sow and Pigs Reef, Port Jackson, N.S.W. Laseron, 1955, loc. cit., p. 87, pl. 1, figs. 14, 15 (H.1070).

1034. *solitaria* Laseron, 1955, Aust. Zool, 12, p. 88, pl. 1, figs. 16, 17. Long Reef, near Sydney, N.S.W.

CURVEULIMA Laseron, 1955, Aust. Zool., 12, p. 88. O.T. *cornuta* Laseron.

1035. *cornuta* Laseron, 1955, Aust. Zool., 12, p. 89, pl. 1, figs. 18, 19. Manly, N.S.W. (H.1061).

1036. *obtusa* Laseron, 1955, Aust. Zool., 12, p. 89, pl. 1, figs. 20, 21. Manly, N.S.W.

1037. *lata* Laseron, 1955, Aust. Zool., 12, p. 90, pl. 1, fig. 22. Long Reef, Sydney, N.S.W., 14 fm.

1038. *subobtusa* Laseron, 1955, Aust. Zool., 12, p. 90, pl. 1, fig. 23. Long Reef, near Sydney, N.S.W.

1039. *litoris* Laseron, 1955, Aust. Zool., 12, p. 90, pl. 1, figs. 24, 25. Manly, N.S.W. (H.1060).

1040. *abrupta* Laseron, 1955, Aust. Zool., 12, p. 90, pl. 1, figs. 26-27. Manly, N.S.W.

1041. *manifesta* Laseron, 1955, Aust. Zool., 12, p. 91, pl. 1, figs. 28-29. Crookhaven, N.S.W., 30-35 fm.

STICTEULIMA Laseron, 1955, Aust. Zool., 12, p. 91. O.T. *cameroni* Laseron.

1042. *cameroni* Laseron, 1955, Aust. Zool., 12, p. 91, pl. 2, figs. 30, 31. Angourie, Clarence River, north N.S.W.

CUSPEULIMA Laseron, 1955, Aust. Zool., 12, p. 91. O.T. *acutissima* Sowerby.

1043. *acutissima* Sowerby, 1866, Conch. Icon. (Reeve), 15, *Leiostraca*, pl. 2, fig. 10. Port Jackson, N.S.W. (= *Leiostraca lesbia*, Angas, 1871, Proc. Zool. Soc. Lond., 1871, p. 16, pl. 1, fig. 14. Port Jackson, N.S.W.). Laseron, 1955, Aust. Zool., 12, p. 92, pl. 2, figs. 32, 33 (H.1063).

1044. *lodderae* Lodder, 1900, Proc. Roy. Soc. Tasm., 1898-9, p. 135. New name for *Eulima vitrea* Petterd, 1884, J. of Conch., p. 136 (not *E. vitrea* A. Adams, 1864). N. Tasmania. Hedley, 1903, Mem. Aust. Mus., 4, p. 360, fig. 82. Laseron, 1955, Aust. Zool., 12, p. 92, pl. 2, fig. 34 (H.1065).

1045. *sobrina* Laseron, 1955, Aust. Zool., 12, p. 92, pl. 2, figs. 35-36. Port Stephens, N.S.W. (H.1062).

1046. *iredalei* Laseron, 1955, Aust. Zool., 12, p. 93, pl. 2, figs. 37, 38. Point Halliday, mid N.S.W.

1047. *portensis* Laseron, 1955, Aust. Zool., 12, p. 93, pl. 2, figs. 39, 40, 41. Port Hacking, N.S.W. (H. 1066).

1048. *incidenta* Laseron, 1955, Aust. Zool., 12, p. 94, pl. 2, figs. 42, 43. North Harbour, Port Jackson, N.S.W.

Eulimitra Laseron, 1955, Aust. Zool., 12, p. 94. O.T. *vittata* Laseron.

1049. *vittata* Laseron, 1955, Aust. Zool., 12, p. 94, pl. 2, figs. 44, 45. North Harbour, Port Jackson, N.S.W.

1050. *waltersi* Laseron, 1955, Aust. Zool., 12, p. 94, pl. 2, figs. 46-47. Woollahra Point, Port Jackson, N.S.W., 4 fm.

Fusceulima Laseron, 1955, Aust. Zool., 12, p. 95. O.T. *jacksonensis* Laseron.

1051. *jacksonensis* Laseron, 1958, Aust. Zool., 12, p. 95, pl. 2, figs. 48, 49. North Harbour, Port Jackson, N.S.W.

1052. *flava* Laseron, 1955, Aust. Zool., 12, p. 95, pl. 2, figs. 50, 51. Off Twofold Bay, south New South Wales, 40-50 fm.

1053. *sucina* Laseron, 1955, Aust. Zool., 12, p. 96, pl. 2, figs. 52, 53. Off Point Halliday, mid N.S.W., 8-10 fm.

Eulitoma Laseron, 1955, Aust. Zool., 12, p. 96. O.T. *nitens* Laseron.

1054. *nitens* Laseron, 1955, Aust. Zool., 12, p. 96, pl. 2, figs. 54, 55. Sow and Pigs Reef, Port Jackson, N.S.W., 6-9 fm.

1055. *castanea* Laseron, 1955, Aust. Zool., 12, p. 96, pl. 2, figs. 56, 57. Between Heads, Port Jackson, N.S.W., 15 fm.

Hebeulima Laseron, 1955, Aust. Zool., 12, p. 97. O.T. *inusta* Hedley.

1056. *inusta* Hedley, 1906, Proc. Linn. Soc. N.S.W., 30, p. 525, pl. 33, fig. 43. Manly, N.S.W. Laseron, 1955, loc. cit., p. 97, pl. 3, figs. 58-59 (H.1064).

1057. *tumere* Laseron, 1955, Aust. Zool., 12, p. 97, pl. 3, figs. 60-61. Port Stephens, N.S.W.

1058. *fricata* Hedley, 1907, Rec. Aust. Mus., 6, p. 290, pl. 55, fig. 14. Off Narrabeen, N.S.W., 80 fm. Laseron, 1955, Aust. Zool., 12, p. 97, pl. 3, fig. 62 (H.1056).

1059. *crassiceps* Laseron, 1955, Aust. Zool., 12, p. 97, pl. 3, figs. 63, 64. Off Point Halliday, mid. N.S.W., 8-10 fm.

Pictobalcis Laseron, 1955, Aust. Zool., 12, p. 98. O.T. *articulata* Sowerby.

1060. *articulata* Sowerby, 1834, Proc. Zool. Soc. Lond., 1834, p. 8. Australian shores = Moreton Bay, Queensland. Sowerby, 1841, Conch. Illustr., *Eulima*, fig. 12. Laseron, 1955, loc. cit., p. 98, pl. 3, fig. 65 (H.1054).

Eulimoda Laseron, 1955, Aust. Zool., 12, p. 98. O.T. *munita* Hedley.

1061. *munita* Hedley, 1903, Mem. Aust. Mus., 4, p. 358, text fig. 61. Cape Three Points, N.S.W., 41-50 fm. Laseron, 1955, loc. cit., p. 98, pl. 3, figs. 66-67 (H.1058).

Menon Hedley, 1900, Proc. Linn. Soc. N.S.W., 25, p. 90. O.T. *anceps* Hedley.

1062. *anceps* Hedley, 1900, Proc. Linn. Soc. N.S.W., 25, p. 90, pl. 3, figs. 5, 6, 7. Little Coogee Beach, Sydney, N.S.W. Laseron, 1955, loc. cit., p. 99, pl. 3, figs. 68-70 (H.1069).

Stilapex Iredale, 1925, Rec. Aust. Mus., 14, p. 270. O.T. *lactarius* Iredale.

1063. *lactarius* Iredale, 1925, Rec. Aust. Mus., 14, p. 270, pl. 43, fig. 20. Off Babel Is., Bass St., 70 fm. Laseron, 1955, loc. cit., p. 100, text fig. 78.

Syntharella Laseron, 1955, Aust. Zool., 12, p. 100. O.T. *topaziaca* Hedley.

1064. *topaziaca* Hedley, 1908, Proc. Linn. Soc. N.S.W., 33, p. 470, pl. 10, fig. 29. Port Jackson, N.S.W. Laseron, 1955, loc. cit., p. 100, pl. 3, fig. 71.

Stilimella Laseron, 1955, Aust. Zool., 12, p. 100. O.T. *lodderae* Petterd.

1065. *lodderae* Petterd, 1884, J. of Conch., 4, p. 140. North-west coast, Tasmania. Hedley, 1900, Proc. Linn. Soc. N.S.W., 25, p. 92, text figs (= *petterdi* Tate and May, 1900, Trans. Roy. Soc. South Aust., 24, p. 96. New name for *Stylifer robusta* Petterd, 1884, J. of Conch., 4, p. 140. Leven Heads, Tasmania (not *S. robusta* Pease, 1860)). Hedley, 1901, Proc. Linn. Soc. N.S.W., 25, p. 729, fig. 27. Laseron, 1955, loc. cit., p. 101, pl. 3, figs. 72, 73, 74 (72, 73 from Huskisson, N.S.W., 74 Long Reef, N.S.W.) (H.1071), (H.1072).

Macertexta Laseron, 1955, Aust. Zool., 12, p. 101. O.T. *ovitesta* Laseron.

1066. *ovitesta* Laseron, 1955, Aust. Zool., 12, p.

101, pl. 3, fig. 75. Port Jackson, N.S.W. (Position uncertain).

(*Apicalia guentheri* Angas, 1877, was described from New South Wales, but was later shown to be from Lifu, Loyalty Is. (Hedley, 1913, Proc. Linn. Soc. N.S.W., 38, p. 296). Allan, 1950, Aust. Shells, p. 108, records the species as "living in waters of New South Wales". We have been unable to find any record, other than the original description of Angas.)

*Family* CYMATIIDAE

CHARONIA Gistel and Bromme, 1847, Handb. Naturg., p. 559. H.T. *tritonis* Linne.

1067. *euclia instructa* Iredale, 1929, Rec. Aust. Mus., 17, p. 172, pl. 41, fig. 5. South-east N.S.W. (H.657).

1068. *rubicunda* Perry, 1811, Conchology, pl. 14, fig. 4. Port Jackson, N.S.W. Hunter, 1793, Hist. Journ. N.S.W., p. 581, pls. 1, 2 (H.658).

VERNOTRITON Iredale, 1936, Rec. Aust. Mus., 19, p. 308. O.T. *pumilio* Hedley.

1069. *pumilio* Hedley, 1903, Mem. Aust. Mus., 4, p. 339, fig. 68. Off Manning River, N.S.W., 22 fm. (H.659).

DISTORSIO Bolten-Roding, 1798, Mus. Bolten., 2, p. 133. L.T. (Pilsbry, 1922, Proc. Acad. Nat. Sci. Philad., 73, p. 357) *anus* Linne.

1070. *francesae* Iredale, 1931, Rec. Aust. Mus., 18, p. 213, pl. 23, fig. 2. Sydney Harbour, N.S.W.

AUSTROSASSIA Finlay, 1931, Trans. New Zeal. Inst., 62, p. 7. O.T. *parkinsonia* Perry.

1071. *parkinsonia* Perry, 1811, Conchology, pl. 14, fig. 1. Port Jackson, N.S.W. (H.660).

1072. *basilica* Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, p. 253, pl. 35, fig. 4. Off Green Cape, N.S.W., 50-70 fm.

TRITONOCAUDA Dall, 1904, Smiths. Misc. Coll., 47, p. 133. O.T. *caudatus* Gmelin.

1073. *caudata vulticula* Iredale, 1936, Rec. Aust. Mus., 19, p. 308, pl. 23, fig. 1. Sydney Harbour, N.S.W. (H.661).

RANULARIA Schumacher, 1817, Essai nouv. Syst. Test., p. 253. L.T. (Gray 1847, Proc. Zool. Soc. Lond., 1847, p. 133) *clavator* L. = *formosa* Perry.

1074. *sinensis defrenata* Iredale, 1936, Rec. Aust. Mus., 19, p. 308, pl. 23, fig. 2. Sydney Harbour, N.S.W. (H.666).

CABESTANIMORPHA Iredale, 1936, Rec. Aust. Mus., 19, p. 307. O.T. *exarata* Reeve = *tabulata* Menke.

1075. *tabulata* Menke, 1843, Spec. Moll. Novae Holland., p. 25. South-west Australia. Iredale, 1949, Proc. Roy. Zool. Soc. N.S.W., 1947-8, p. 20. (= *exarata* Reeve, 1844, Conch. Icon., 2, *Triton*, pl. 13, fig. 50) (H.662).

1076. *zimara* Iredale, 1929, Aust. Zool., 5, p. 345, pl. 38, fig. 11, Sydney Harbour, N.S.W.

SEPTA Perry, 1810, Arcana, pl. 2, H.T. *rubecula* Linne.

1077. *blacketi* Iredale, 1936, Rec. Aust. Mus., 19, p. 307, pl. 23, fig. 3. Sydney Harbour, N.S.W. (H.663).

1078. *rubecula* Linne, 1758, Syst. Nat., 10 ed., p. 749, based on Argenville, 1742, Conchyl., pl. 12, fig. K. East Indies.

LAMPUSIA Schumacher, 1817, Essai. nouv. Syst. Test., p. 250. O.T. *pilearis* Linne.

1079. *nicobarica* Bolten-Roding, 1798, Mus. Bolten., 2, p. 126. Martini, 1780, Conch. Cab., 4, pl. 132, figs. 1246-1247. Nicobar Islands. Iredale, 1929, Aust. Zool., 5, p. 345. Sydney Harbour, N.S.W.

1080. *aquatilis* Reeve, 1844, Conch. Icon., 2, *Triton*, pl. 7, fig. 24. Philippine Islands.

PARTICYMATIUM Iredale, 1936, Rec. Aust. Mus., 19, p. 307. O.T. *strangei* A. Adams and Angas.

1081. *strangei* A. Adams and Angas, 1864, Proc. Zool. Soc. Lond., 1864, p. 35. Port Jackson, N.S.W. Smith, 1878, Proc. Zool. Soc. Lond., 1878, p. 816, pl. 50, fig. 16. Moreton Bay, Queensland (H.664).

MONOPLEX Perry, 1811, Conchology, pl. 3, L.T. (Clench and Turner, 1957, Johnsonia, 3, p. 227) *australasiae* Perry.

1082. *australasiae* Perry, 1811, Conchology, pl. 3, fig. 3. Port Jackson, N.S.W. (H.665).

CYMATILESTA Iredale, 1936, Rec. Aust. Mus., 19, p. 307. O.T. *spengleri* Perry.

1083. *spengleri* Perry, 1811, Conchology, pl. 14, fig. 3. Port Jackson, N.S.W. Hunter, 1793, Hist. Journ. N.S.W., p. 583, pl. 3. Anderson, 1959, Proc. Linn. Soc. N.S.W., 84, pp. 232-237, text figs. 1-17, pl. 9. Long Reef, near Sydney, N.S.W. (H.667).

1084. *spengleri procera* Iredale, 1929, Rec. Aust. Mus., 17, p. 173, pl. 41, fig. 1. Off Montagu I., N.S.W., 55-60 fm.

1085. *waterhousei frigidula* Iredale, 1929, Rec. Aust. Mus., 17, p. 177, pl. 41, fig. 2. Off Montagu I., N.S.W., 55-60 fm.

1086. *waterhousei tepida* Iredale, 1936, Rec. Aust. Mus., 19, p. 308. Sydney Harbour, N.S.W.

1087. *bolteniana* A. Adams, 1855, Proc. Zool. Soc. Lond., 1854, p. 311. Port Jackson, N.S.W. Iredale, 1929, Rec. Aust. Mus., 17, p. 173, pl. 41, fig. 7.

CYMATIELLA Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, pp. 253-4. O.T. *quoyi* Reeve.

1088. *peroniana* Iredale, 1929, Rec. Aust. Mus.,

17, p. 176, pl. 40, fig. 9. Montagu I., N.S.W., 50-60 fm.

CYMATONA Iredale, 1929, Rec. Aust. Mus., 17, p. 177. O.T. *kampyla* Watson.

1089. *kampyla* Watson, 1885, J. Linn. Soc. Lond., Zool., 16, p. 594. Off Sydney, N.S.W. Challenger St., 164B, 410 fm. Id., 1886, Rep. Sci. Res. Chall., Zool., 15, p. 405, pl. 14, fig. 12 (written *campyla* in error) (H.668).

PHANOZESTA Iredale, 1936, Rec. Aust. Mus., 19, p. 309. O.T. *remensa* Iredale.

1090. *remensa* Iredale, 1936, Rec. Aust. Mus., 19, p. 309, pl. 23, fig. 4. Off Sydney, N.S.W., 110 fm.

FUSITRITON Cossmann, 1903, Essais Pal. Comp., 5, p. 87. O.T. *cancellatus* Lamarck.

1091. *retiolus* Hedley, 1914, Biol. Results Endeavour, 2, p. 73, pl. 11, fig. 5. S. of Gabo Island, Victoria, 100-250 fm. (H.669).

NEGYRINA Iredale, 1929, Rec. Aust. Mus., 17, p. 177. O.T. *subdistorta* Lamarck.

1092. *subdistorta* Lamarck, 1822, Hist. Anim. s. Vert., 7, p. 186. Tasmania. Reeve, 1844, Conch. Icon., 2, *Triton*, pl. 1, fig. 2.

MAYENA Iredale, 1917, Proc. Malacol. Soc., 12, p. 324. O.T. *australasia* Perry.

1093. *australasia* Perry, 1811, Conchology, pl. 4, figs. 2, 4. Port Jackson, New South Wales (H.670).

1094. *australasia benthicola* Iredale, 1929, Rec. Aust. Mus., 17, p. 174, pl. 41, fig. 4. Off Montagu I., N.S.W., 55-60 fm.

GYRINEUM Link, 1807, Beschr. Samml. Univ. Rostock, 3, p. 123. L.T. (Rovereto, 1899, Atti Soc. Ligustica, 10, p. 62) *spinosum* Dillwyn (= *echinatum* Link).

1095. *pacator* Iredale, 1931, Rec. Aust. Mus., 18, p. 214, pl. 23, fig. 3. Sydney Harbour, N.S.W.

APOLLON Montfort, 1810, Conch. Syst., 2, p. 571. O.T. *gyrinus* Linne.

1096. *facetus* Iredale, 1936, Rec. Aust. Mus., 19, p. 309, pl. 24, fig. 3. Sydney Harbour, N.S.W. (H.671).

ANNAPERENNA Iredale, 1936, Rec. Aust. Mus., 19, pp. 310-11. O.T. *verrucosa* Sowerby.

1097. *verrucosa* Sowerby, 1825, Cat. Coll. Tankerville, App., p. XVIII. Norfolk Island (= *papilla* Wood, 1828, Suppl. Index Test., p. 14, pl. 5, *Murex*, fig. 2). Iredale, 1936, Rec. Aust. Mus., 19, p. 310. Sydney Harbour, N.S.W.

GELAGNA Schaufuss, 1869, Cat. Paetel Coll., p. 3. H.T. *succincta* Linne.

1098. *succincta* Linne, 1771, Mantissa Plant., 2, p. 551. No loc., based on Bonanno, 1684, Recreatio etc., p. 119, *Classis* 3, taf. 47. (= *clandestina* Lamarck, 1822, Hist. Anim. s. Vert., 7, p. 187. Mauritius).

*Family* BURSIDAE

TUTUFA Jousseaume, 1881, Bull. Soc. Zool. France, 6, p. 175. O.T. *lampas* Linne.

1099. *bufo* Bolten-Roding, 1798, Mus. Bolten., 2, p. 128. Amboina. Martini, 1780, Conch. Cab., 4, pl. 129, fig. 1238. (= *lissostoma* Smith, 1914, J. of Conch., 24, p. 230, pl. 4, fig. 3. Indian Ocean). Iredale, 1931, Rec. Aust. Mus., 18, p. 214, pl. 23, fig. 5. Sydney Harbour, N.S.W. (H.672).

DULCERANA Iredale, 1931, Rec. Aust. Mus., 18, p. 213. O.T. *granifera* Lamarck (= *granularis* Bolten-Roding).

1100. *granularis* Bolten-Roding, 1798, Mus. Bolten., 2, p. 127. East Indies. Martini, 1780, Conch. Cab., 4, pl. 127, figs. 1226, 1227. Jackson, 1952, Proc. Roy. Zool. Soc. N.S.W., 1951-2, p. 46 (*versigranulata* in error). Near Sydney, N.S.W. (H.673).

BURSA Bolten-Roding, 1798, Mus. Bolten., 2, p. 128. L.T. (Jousseaume, 1881, Bull. Soc. Zool. France, 6, p. 175) *bufonia* Gmelin.

1101. *mammata* Bolten-Roding, 1798, Mus. Bolten., 2, p. 128. East Indies. Martini, 1780, Conch. Cab., 4, pl. 129, figs. 1240, 1241 (= *venustula* Angas, 1877, Proc. Zool. Soc. Lond., 1877, p. 180. Port Jackson, N.S.W. (H.674).

OBEX Iredale, 1925, Rec. Aust. Mus., 14, p. 259. O.T. *mulveyana* Iredale.

1102. *mulveyana* Iredale, 1925, Rec. Aust. Mus., 14, p. 259, pl. 63, fig. 22. Off Ulladulla, N.S.W., 74 fm.

GONDWANULA Finlay, 1927, Trans. New Zeal. Inst., 57, p. 399. O.T. *tumida* Dunker.

1103. *bassii* Angas, 1869, Proc. Zool. Soc. Lond., 1869, p. 45, pl. 11, fig. 2. Corner Inlet, Victoria.

*Family* CASSIDIDAE

[Ref.:—Iredale, 1927, Rec. Aust. Mus., 15, pp. 321-354, pls. 31, 32.]

PHALIUM Link, 1807, Beschr. Univ. Samml. Rostock, 3, p. 112. L.T. (Herrmannsen, 1852, Ind. Gen. Malac. Suppl., p. 104) *glaucum* Linne.

1104. *areola* Linne, 1758, Syst. Nat., 10 ed., p. 736. Amboina. Rumph, 1741, Amboin. Rariteitk., pl. 25, figs. 1 and B (H.675).

1105. *bandatum* Perry, 1811, Conchology, pl. 34, fig. 2. East Indies. (= *coronulata* Sowerby, 1825, Cat. Coll. Tankerville, App., p. XX. Reeve, 1848, Conch. Icon., 5, *Cassis*, pl. 12, fig. 31) (H.676).

SEMICASSIS Morch, 1852, Cat. Conch. Yoldi, (1), p. 112. L.T. (Harris, 1897, Cat. Tert. Moll. Brit. Mus., 1, p. 198) *japonica* Reeve.

1106. *diuturna* Iredale, 1927, Rec. Aust. Mus., 15, p. 335, pl. 32, fig. 9. Port Stephens, N.S.W. (H.678).

Xenogalea Iredale, 1927, Rec. Aust. Mus., 15, p. 339. O.T. *pyrum* Lamarck.

1107. *insperata* Iredale, 1927, Rec. Aust. Mus., 15, p. 349, pl. 31, fig. 8. Port Jackson, N.S.W.

1108. *labiata* Perry, 1811, Conchology, pl. 34, fig. 1. Sydney, N.S.W. Iredale, 1927, loc. cit., p. 347, pl. 31, fig. 1 (H.677).

1109. *nashi* Iredale, 1931, Rec. Aust. Mus., 18, p. 214, pl. 23, fig. 18. Sydney Harbour, N.S.W.

1110. *nivea* Brazier, 1872, Proc. Zool. Soc. Lond., 1872, p. 616, pl. 44, fig. 1. West Tasmania. Iredale, 1927, loc. cit., p. 344, pl. 32, fig. 13 (type).

1111. *sophia* Brazier, 1872, Proc. Zool. Soc. Lond., 1872, p. 617, pl. 44, fig. 2. Macleay River mouth, N.S.W. Iredale, 1927, loc. cit., p. 343, pl. 32, fig. 12 (type) (H.679).

1112. *angasi* Iredale, 1927, Rec. Aust. Mus., 15, p. 350, pl. 32, fig. 15. Moreton Bay, Queensland (= *angasi knighti* Thornley, 1954, Proc. Roy. Zool. Soc. N.S.W., 1952-3, p. 33, pl. 1, fig. 6. Near Bowen, Queensland) (= *Phalium (Antephalium) denisi* Salmon, 1948, J. de Conch., 88, p. 161, fig. 2. No loc.).

1113. *stadialis* Hedley, 1914, Biol. Res. Endeavour, 2, p. 72, pl. 5, fig. 4. Off Green Cape, N.S.W., 50-100 fm. Iredale, 1927, loc. cit., p. 341, pl. 31, fig. 3 (H.680).

1114. *thomsoni* Brazier, 1875, Proc. Linn. Soc. N.S.W., 1, p. 8. Off Sydney, N.S.W., 45 fm. Hedley, 1903, Mem. Aust. Mus., 4, p. 341, pl. 36, figs. 2, 3, (fig. 2, type, fig. 3, off Cape Three Points, N.S.W., 41-50 fm.) Iredale 1927, loc. cit., p. 342, pl. 32, figs. 6, 7 (fig. 7, type) (H.681).

1115. *thomsoni palinodia* Iredale, 1931, Rec. Aust. Mus., 18, p. 215, pl. 23, fig. 20. Sydney Harbour, N.S.W.

1116. *spectabilis* Iredale, 1929, Rec. Aust. Mus., 17, p. 178, pl. 38, fig. 6. Off Montagu I., N.S.W., 50-60 fm.

1117. *pyrum* Lamarck, 1822, Hist. Anim. s. Vert., 7, p. 226. South Tasmania. Kiener, 1835, Coq. Vivants, *Cassis,* p. 39, pl. 13, fig. 25. Reeve, 1848, Conch. Icon., 5, *Cassis,* pl. 10, fig. 29. Iredale, 1927, loc. cit., p. 339, pl. 32, figs. 14, 16.

Casmaria H. and A. Adams, 1853, Gen. Rec. Moll., 1, p. 216. L.T. (Harris 1897, Cat. Tert. Moll. Brit. Mus., I, p. 200) *vibex* Linne.

1118. *ponderosa* Gmelin, 1791, Syst. Nat., pt. 6, p. 3477. East Indies. Lister, 1770, Hist. Conch., pl. 1016, fig. 74 (= *torquata* Reeve, 1848, Conch. Icon., 5, *Cassis,* pl. 1, fig. 1). Iredale, 1927, loc. cit., p. 338 (H.682).

1119. *perryi* Iredale, 1912, Proc. Malacol. Soc., 10, p. 227, pl. 9, fig. 17. Kermadec Islands. Thornley, 1954, Proc. Roy. Zool. Soc. N.S.W., 1952-3, p. 33, pl. 1, fig. 8. Tuncurry, N.S.W.

Nannocassis Iredale, 1927, Rec. Aust. Mus., 15, p. 328. O.T. *nana* Tenison-Woods.

1120. *nana* Tenison-Woods, 1879, Proc. Linn. Soc. N.S.W., 4, p. 108. Moreton Island, S. Queensland. Hedley, 1899, Proc. Linn. Soc. N.S.W., 24, p. 434, fig. 6. North N.S.W. (H.683).

Xenophalium Iredale, 1927, Rec. Aust. Mus., 15, p. 333. O.T. *hedleyi* Iredale.

1121. *hedleyi* Iredale, 1927, Rec. Aust. Mus., 15, p. 333, pl. 31, figs. 4, 5. Off Kiama, N.S.W., 70 fm.

Antephalium Iredale, 1927, Rec. Aust. Mus., 15, p. 350. O.T. *semigranosum* Lamarck.

1122. *semigranosum* Lamarck, 1822, Hist. Anim. s. Vert., 7, p. 228. South Tasmania. Kiener, 1835, Coq. Vivants, *Cassis,* p. 36, pl. 14, fig. 29. Reeve, 1848, Conch. Icon., 5, *Cassis,* pl. 2, fig. 3.

*Family* TONNIDAE

[Ref.:—Hedley, 1919, Rec. Aust. Mus., 12, pp. 329-336, pls. 39-44.]

Tonna Brunnich, 1772, Zool. Fund., p. 248. H.T. *galea* Linne.

1123. *allium* Dillwyn, 1817, Descr. Cat. Rec. Shells, p. 585. Tranquebar, India. Iredale, 1931, Rec. Aust. Mus., 18, p. 215, pl. 23, fig. 23. Sydney Harbour, N.S.W.

1124. *parvula* Tapparone-Canefri, 1878, Bull. Soc. Zool. France, p. 257, pl. 6, fig. 4. New Guinea. Iredale, 1931, Rec. Aust. Mus., 18, p. 215, pl. 23, fig. 24. Sydney Harbour, N.S.W.

1125. *canaliculata* Linne, 1758, Syst. Nat., 10 ed., p. 727. East Indies. Iredale, 1931, Rec. Aust. Mus., 18, p. 215, pl. 23, fig. 25. Sydney Harbour, N.S.W.

1126. *tetracotula* Hedley, 1919, Rec. Aust. Mus., 12, p. 332, pls. 42-43, figs. 4, 5. Off Green Cape, N.S.W., 40-80 fm. Iredale, 1931, Rec. Aust. Mus., 18, p. 215, pl. 23, fig. 26. Sydney Harbour, N.S.W.

1127. *cerevisina* Hedley, 1919, Rec. Aust. Mus., 12, p. 330, pls. 39-41, figs. 1-3. Port Jackson, N.S.W. (H.685).

Parvitonna Iredale, 1931, Rec. Aust. Mus., 18, p. 216. O.T. *perselecta* Iredale.

1128. *perselecta* Iredale, 1931, Rec. Aust. Mus., 18, p. 216, pl. 23, fig. 17. Sydney Harbour, N.S.W.

1129. *testardi* Montrouzier, 1863, J. de Conch., 11, pp. 75, 166, pl. 5, fig. 6. New Caledonia.

Cadus Bolten-Roding, 1798, Mus. Bolten., 2, p. 150. L.T. (Woodring 1928, Carnegie Inst. Wash. Publ., 385, p. 310) *perdix* Linne.

1130. *rufus* Blainville, 1829, Dict. Sci. Nat. (Levr.), 54, p. 503. Queensland. Reeve, 1849, Conch. Icon., 5, *Dolium,* pl. 6, fig. 9 *(perdix,* not of Linne) (H.684).

QUIMALEA Iredale, 1929, Aust. Zool., 5, p. 345. O.T. *pomum* Linne.

1131. *pomum macgregori* Iredale, 1931, Rec. Aust. Mus., 18, p. 215, pl. 23, fig. 22. Sydney Harbour, N.S.W.

EUDOLIUM Dall, 1889, Bull. Mus. Comp. Zool. (Harvard), 18, pp. 20, 232. New name for *Doliopsis* Monterosato, 1872, Notiz. Int. Conch. Medit., p. 49 (not *Doliopsis* Conrad, 1867). O.T. *crosseanum* Monterosato.

1132. *pyriforme* Sowerby, 1914, Ann. Mag. Nat. Hist., (8), 14, p. 37, pl. 2, fig. 14. Japan. Mayblom, 1951, Aust. Zool., 11, p. 281. (N.S.W., dredged.)

*Family* FICIDAE

FICUS Bolten-Roding, 1798, Mus. Bolten., 2, p. 148. T.T. *ficus* Gmelin.

1133. *margaretae* Iredale, 1931, Rec. Aust. Mus., 18, p. 216, pl. 23, fig. 4. Sydney Harbour, N.S.W. (H.686).

*Family* NATICIDAE

*Subfamily* NATICINAE

NOTOCOCHLIS Powell, 1933, Trans. New Zeal. Inst., 63, p. 166. O.T. *migratoria* Powell.

1134. *vafer* Finlay, 1930, Trans. New Zeal. Inst., 61, p. 232. Shellharbour, N.S.W. (H.689).

1135. *limpida* Smith, 1884, Rep. Zool. Coll. Alert, p. 57, pl. 5, fig. 50. Torres Strait.

1136. *cothurnata* Iredale, 1936, Rec. Aust. Mus., 19, p. 312, pl. 24, fig. 6. Botany Bay, N.S.W. (H.690, 688).

1137. *luculenta* Iredale, 1929, Rec. Aust. Mus., 17, p. 179, pl. 40, fig. 10. Off Montagu I., N.S.W., 50-60 fm. Woolacott, 1956, Proc. Roy. Zool. Soc. N.S.W., 1954-5, p. 75, figs. 2, 5.

TASMATICA Finlay and Marwick, 1937, Palaeont. Bull. New Zeal., 15, p. 51. O.T. *schoutanica* May.

1138. *schoutanica diatheca* Iredale, 1936, Rec. Aust. Mus., 19, p. 312, pl. 24, fig. 7. Off Crowdy Head, N.S.W., 45 fm.

NATICARIUS Dumeril, 1806, Zool. Analyt., p. 164 (ed. Froriep, p. 165). H.T. *canrena* Linne.

1139. *alapapilionis* Bolten-Roding, 1798, Mus. Bolten., 2, p. 146. East Indies. Chemnitz, 1781, Conch. Cab., 5, pl. 186, figs. 1868-71 (H.687).

QUANTONATICA Iredale, 1936, Rec. Aust. Mus., 19, p. 311. O.T. *subcostata* Tenison-Woods.

1140. *subcostata* Tenison-Woods, 1878, Proc. Linn. Soc. N.S.W., 2, p. 263. Off Port Jackson, N.S.W., 45 fm. Hedley, 1901, Rec. Aust. Mus., 4, p. 22, fig. 1 (H.691).

COCHLIS Bolten-Roding, 1798, Mus. Bolten., 2, p. 146. L.T. (Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, p. 254) *albula* Bolten-Roding.

1141. *shorehami* Pritchard and Gatliff, 1900, Proc. Roy. Soc. Vict., 13, (n.s.), p. 131, pl. 20, fig. 4. Port Phillip, Victoria.

*Subfamily* MAMMILLINAE

MAMMILLA Schumacher, 1817, Essai nouv. Syst. Test., pp. 58, 190. H.T. *fasciata* Schumacher (= *mammata* Bolten-Roding).

1142. *propesimiae* Iredale, 1929, Aust. Zool., 5, p. 341, pl. 38, fig. 5. Sydney Harbour, N.S.W. (H.695).

1143. *simiae* Deshayes, 1838, Hist. Anim. s. Vert. (Lamarck), 8, p. 652. Queensland. Chemnitz, 1781, Conch. Cab., 5, p. 285, pl. 189, fig. 1938 (N.Z. error). Hedley, 1924, Rec. Aust. Mus., 14, p. 162, pl. 22, fig. 2.

1144. *plumatilis* Iredale, 1936, Rec. Aust. Mus., 19, p. 312, pl. 23, fig. 18. Sydney Harbour, N.S.W.

CONUBER Finlay and Marwick, 1937, Paleont. Bull. New Zeal., 15, p. 53. O.T. *conica* Lamarck.

1145. *conica* Lamarck, 1822, Hist. Anim. s. Vert., 6, (2), p. 198. No loc. (= Southern Australia). Reeve, 1855, Conch. Icon., 9, *Natica*, pl. 12, fig. 48 (H.693).

1146. *incei* Philippi 1853, Proc. Zool. Soc. Lond., 1851, p. 233. Raine Is., Torres Strait. Id., 1853, Conch. Cab. (cont.), Bd. 2, Abt. 1, p. 142, pl. 19, fig. 15 (= *baconi* Reeve, 1855, Conch. Icon., 9, *Natica*, pl. 10, fig. 37. Western Australia) (H.696).

1147. *melastoma* Swainson, 1821, Zool. Illust., (1), pl. 79. No loc. (= Port Jackson, N.S.W.) (H.697).

1148. *sordida* Swainson, 1821, Zool. Illust., (1), pl. 79. No loc. (= *plumbea* Lamarck, 1822, Hist. Anim. s. Vert., 6, (2), p. 198. No loc. = *strangei* Reeve, 1855, Conch. Icon., 9, *Natica*, pl. 18, fig. 81. Port Jackson, N.S.W.) (H.698).

GLOSSAULAX Pilsbry, 1929, Nautilus, 42, p. 113. O.T. *reclusiana* Petit.

1149. *aulacoglossa* Pilsbry and Vanatta, 1908, Proc. Acad. Nat. Sci. Philad., 55, p. 558, pl. 29, figs. 1-3, Victoria (H.692).

1150. *epheba* Hedley, 1915, Proc. Linn. Soc. N.S.W., 39, p. 720, pl. 82, figs. 62, 63. Hawkesbury River, N.S.W., 4 fm. (H.694).

FRIGINATICA Hedley, 1915, Aust. Antarc. Exped., 1911-14, Sci. Rep., 4, p. 52. O.T. *beddomei* Johnston.

1151. *beddomei* Johnston, 1885, Proc. Roy. Soc. Tasm., 1884, p. 222. South Tasmania (= *effossa* Watson, 1886, Rep. Sci. Res. Challenger, Zool., 15, p. 439, pl. 28, fig. 3. Victoria) (H.699).

*Subfamily* SININAE

GENNAEOSINUM Iredale, 1929, Mem. Queensland Mus., 9, p. 279. O.T. *peleum* Iredale.

1152. *intercisum* Iredale, 1931, Rec. Aust. Mus., 18, p. 217, pl. 23, figs. 13, 14. Sydney Harbour, N.S.W.

PERVISINUM Iredale, 1931, Rec. Aust. Mus., 18, p. 216. O.T. *dingeldeii* Iredale.

1153. *dingeldeii* Iredale, 1931, Rec. Aust. Mus., 18, p. 216, pl. 23, fig. 15. Sydney Harbour, N.S.W. (H.700).

ECTOSINUM Iredale, 1931, Rec. Aust. Mus., 18, p. 216. O.T. *pauloconvexum* Iredale.

1154. *pauloconvexum* Iredale, 1931, Rec. Aust. Mus., 18, p. 216, pl. 23, fig. 16. Sydney Harbour, N.S.W. (H.702).

1155. *zonale* Quoy and Gaimard, 1833, Voy. Astrol., Zool., 2, p. 221, pl. 66, figs. 1-3. King George's Sound, Western Australia. Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, p. 255. Twofold Bay, N.S.W.

PROPESINUM Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, p. 256. H.T. *umbilicatum* Quoy and Gaimard.

1156. *umbilicatum minusculum* Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, p. 256. Twofold Bay, N.S.W. Not figured (H.703).

1157. *umbilicatum mimicum* Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, p. 256. Off Green Cape, N.S.W., 50-70 fm. Not figured. Cf. Quoy and Gaimard, 1833, Voy. Astrol., Zool., 2, p. 234, pl. 66, figs. 22-23.

*Family* LAMELLARIIDAE

MARSENIOPSIS Bergh, 1886, Reise Arch. Philipp. (Semper), 2, Bd. 2, Suppl. 3, p. 179. L.T. (Wenz, 1940, Handbuch d. Palaeozool. (Schindewolf) 6, p. 954) *pacificus* Bergh.

1158. *innominatus* Iredale, 1936, Rec. Aust. Mus., 19, p. 313, pl. 24, fig. 8. Sydney Harbour, N.S.W. (H.705).

*Superfamily* CYPRAEOIDEA

[Refs.:—Iredale, 1935, Aust. Zool., 8, pp. 96-135, pls. 8-9, Id. ib. 1939, 9, pp. 297-323, pls. 27-29.]

*Family* ERATOIDAE

ERATOENA Iredale, 1935, Aust. Zool., 8, p. 97. O.T. *corrugata* Hinds.

1159. *corrugata* Hinds, 1845, Zool. Voy. Sulphur, p. 47, pl. 16, figs. 5, 6. New Guinea (H.742).

LACHRYMA Sowerby, 1832, Conch. Illus., pt. 8, cat., p. 15. H.T. *lachryma* Sowerby.

1160. *lachryma* Sowerby, 1832, Conch. Illus., pt. 7, fig. 48. N.S.W. (H.741).

1161. *denticulata* Pritchard and Gatliff, 1900, Proc. Roy. Soc. Vict., 13, (n.s.), p. 133, pl. 20, fig. 5. Western Port, Victoria.

1162. *bisinventa* Iredale, 1931, Rec. Aust. Mus., 18, p. 223, pl. 22, fig. 16. Sydney Harbour, N.S.W.

*Family* TRIVIIDAE

TRIVIROSTRA Jousseaume, 1884, Le Naturaliste, 6th Year, p. 415. L.T. (Roberts, 1885, Man. Conch. (Tryon), 7, p. 161) *scabriuscula* Gray.

1163. *scabriuscula* Gray, 1827, Zool. Journ., 4, p. 364. Madagascar. Sowerby, Thes. Conch., 4, p. 46, pl. 326, figs. 472, 473 (H.739).

DOLICHUPIS Iredale, 1930, Mem. Queensland Mus., 10, p. 83, O.T. *producta* Gaskoin.

1164. *insecta* Mighels, 1845, Proc. Boston Soc. Nat. Hist., 2, p. 24. Oahu, Hawaiian Group. Edmondson, 1946, Reef and Shore Fauna Hawaii, pp. 148-149, figs. 65, 65 a (H.738).

CLEOTRIVIA Iredale, 1930, Mem. Queensland Mus., 10, p. 83. O.T. *pilula* Kiener.

1165. *pilula* Kiener, 1845, Coq. Vivants, *Cypraea*, p. 151, pl. 54, figs. 2, 2 a. No loc. (= Eastern Australia) (H.737).

ELLATRIVIA Iredale, 1931, Rec. Aust. Mus., 18, p. 221. O.T. *merces* Iredale.

1166. *merces* Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, p. 257, pl. 35, figs. 16-17. Port Jackson, N.S.W. (H.735).

1167. *merces addenda* Iredale, 1931, Rec. Aust. Mus., 18, p. 221. Off Montagu I., N.S.W., 50-70 fm. Not figured. Cf. *merces* above.

FOSSATRIVIA Iredale, 1931, Rec. Aust. Mus., 18, p. 222. O.T. *caelatura* Hedley.

1168. *caelatura* Hedley, 1918, J. Roy. Soc. N.S.W., 51, Suppl. p. M.71. Off Narrabeen, N.S.W., 80 fm. Hedley, 1907, Rec. Aust., Mus., 6, p. 293, pl. 55, figs. 17, 18 (*avellanoides*, not of McCoy 1867) (H.736).

TRIVELLONA Iredale, 1931, Rec. Aust. Mus., 18, p. 221. O.T. *excelsa* Iredale.

1169. *excelsa* Iredale, 1931, Rec. Aust. Mus., 18, p. 221, pl. 24, figs. 13, 14. Off Montagu I., N.S.W., 50-70 fm.

*Family* PEDICULARIIDAE

PEDICULARIONA Iredale, 1935, Aust. Zool., 8, p. 101. O.T. *stylasteris* Hedley.

1170. *stylasteris* Hedley, 1903, Mem. Aust. Mus., 4, p. 342, figs. 69-70. Off Wollongong, N.S.W., 55-66 fm (H.753).

*Family* OVULIDAE

Ovula Bruguiere, 1789, Ency. Meth., Vers, I, p. 15. L.T. (Anton, 1838, Verz. Conch., p. 98) *ovum* Linne (= *Amphiperas* Gronov, non-binomial).

1171. *ovum* Linne, 1758, Syst. Nat., 10 ed., p. 725. Amboina. Rumph, 1741, Amboin. Rariteitk., pl. 38, fig. Q (H.746).

Margovula Iredale, 1935, Aust. Zool., 8, p. 103. O.T. *pyriformis* Sowerby.

1172. *pyriformis* Sowerby, 1828, Zool. Journ., 4, pp. 148, 151. Queensland, Id, 1830, Spec. Conch., Pt. 1, *Ovulum,* p. 5, figs. 21, 22 and 25. Id., 1849, Thes. Conch., 2, p. 470, pl. 101, figs. 72-73 (H.748).

Diminovula Iredale, 1930, Mem. Queensland Mus., 10, p. 85. O.T. *verepunctata* Iredale.

1173. *verepunctata* Iredale, 1930, Mem. Queensland Mus., 10, p. 85. Caloundra, Queensland. Not figured. Cf. *punctata* Duclos, 1830, Mag. Zool., 1, p. 7, pl. 7, fig. 1 (H.747).

1174. *cavanaghi* Iredale, 1931, Rec. Aust. Mus., 18, p. 222, pl. 22, figs. 13, 14. Sydney Harbour, N.S.W.

1175. *manifesta* Iredale, 1936, Rec. Aust. Mus., 19, p. 313, pl. 24, fig. 10. Off Sydney, N.S.W., 55-60 fm.

Prionovolva Iredale, 1930, Mem. Queensland Mus., 10, p. 85. O.T. *brevis* Sowerby.

1176. *brevis* Sowerby, 1828, Zool. Journ., 4, pp. 145, 152. Queensland. Id., 1830, Spec. Conch., pt. 1, *Ovulum,* p. 5, figs. 26-27 (H.743).

Volva Bolten-Roding, 1798, Mus. Bolten., 2, p. 21. T.T. *volva* Linne.

1177. *volva cumulata* Iredale, 1931, Rec. Aust. Mus., 18, p. 222. Sydney Harbour, N.S.W. Id. ib., 1936, 19, p. 313, pl. 23, fig. 8 (H.749).

Phenacovolva Iredale, 1930, Mem. Queensland Mus., 10, p. 85. O.T. *nectarea* Iredale.

1178. *nectarea* Iredale, 1930, Mem. Queensland Mus., 10, p. 85, pl. 9, fig. 6. Port Curtis, Queensland (H.751, 752).

Pellasimnia Iredale, 1931, Rec. Aust. Mus., 18, p. 222. O.T. *angasi* Reeve.

1179. *angasi* Reeve, 1865, Conch. Icon., 15, *Ovulum,* pl. 10, fig. 43. Port Curtis, Queensland (H.750).

Procalpurnus Thiele, 1929, Handb. Syst. Weicht., 1st Teil, p. 272. H.T. *lacteus* Lamarck.

1180. *lacteus* Lamarck, 1810, Ann. Mus. Hist. Nat. Paris, 16, p. 111. Timor. Iredale, 1935, Aust. Zool., 8, p. 103, pl. 8, figs. 3 a, b, c. Queensland.

*Family* UMBILIIDAE

Umbilia Jousseaume, 1884, Le Naturaliste, 6th Year, p. 414. H.T. *umbilicata* Sowerby (= *hesitata* Iredale).

1181. *hesitata* Iredale, 1916, Proc. Malacol. Soc., 12, p. 93. Tasmania. New name for *Cypraea umbilicata* Sowerby, 1825, Cat. Shells Tankerville Coll., App., p. XXX, pl. (not C. *umbilicata* Dillwyn 1823) (= *beddomei* Schilder, 1930, Zool. Anzeig., Bd. 92, p. 77, Port Stephens, N.S.W.) (H.709).

1182. *hesitata howelli* Iredale, 1931, Rec. Aust. Mus., 18, p. 220, pl. 24, figs. 1, 2. S. of Cape Everard, Bass Strait, 90-108 fm.

*Family* CYPRAEIIDAE

*Subfamily* CYPRAEIINAE

Mauritia Troschel, 1863, Das Gebiss der Schnecken, 1, p. 205. T.T. *mauritiana* Linne.

1183. *mauritiana* Linne, 1758, Syst. Nat., 10 ed., p. 721. Mauritius. Rumph, 1741, Amboin. Rariteitk., pl. 38, fig. E.

Arabica Jousseaume, 1884, Le Naturaliste, 6th Year, p. 414. T.T. *arabica* Linne.

1184. *arabica* Linne, 1758, Syst. Nat., 10 ed., p. 718. Strait of Sunda. Rumph, 1741, Amboin. Rariteitk., pl. 38. fig. M (H.708).

1185. *scurra antelia* Iredale, 1939, Aust. Zool., 9, p. 302, pl. 28, figs. 5, 6. Lady Elliot Is., S. Queensland.

Lyncina Troschel, 1863, Das Gebiss der Schnecken, 1, p. 205. T.T. *lynx* Linne.

1186. *lynx* Linne, 1758, Syst. Nat., 10 ed., p. 721. Based on Gualtier, 1742, Ind. test. Conch., pl. 14, fig. C. No. loc. (= *vanelli* Linne, 1758, Syst. Nat., 10 ed., p. 720) (H.725).

Ponda Jousseaume, 1884, Le Naturaliste, 6th Year, p. 415. L.T. (Jousseaume 1884, Bull. Soc. Zool. France, 9, p. 95) *ventriculus* Lamarck.

1187. *carneola thepalea* Iredale, 1939, Aust. Zool., 9, p. 303. Near Sydney, N.S.W. Not figured. Cf. *carneola* Linne, 1758, Syst. Nat., 10 ed., p. 719; Rumph, 1741, Amboin. Rariteitk., pl. 38, fig. K (H.712).

Cypraea Linne, 1758, Syst. Nat., 10 ed., p. 718. L.T. (Montfort, 1810, Conch. Syst., 2, p. 631) *tigris* Linne.

1188. *tigris* Linne, 1758, Syst. Nat., 10 ed., p. 721. Madagascar. Quoy and Gaimard, 1832, Voy. Astrolabe, Zool., Atlas, 2, pl. 47, fig. 1.

Mystaponda Iredale, 1930, Mem. Queensland Mus., 10, p. 83. O.T. *vitellus* Linne.

1189. *vitellus* Linne, 1758, Syst. Nat., 10 ed., p. 721. Strait of Sunda. Rumph, 1741, Amboin. Rariteitk., p. 115, t. 38, fig. L (H.733).

1190. *orcina* Iredale, 1931, Rec. Aust. Mus., 18, p.

220, pl. 24, figs. 9, 10. Sydney Harbour, N.S.W.

BASILITRONA Iredale, 1930, Mem. Queensland Mus., 10, p. 81. O.T. *isabella* Linne.

1191. *isabella* Linne, 1758, Syst. Nat., 10 ed., p. 722. Amboina. Rumph, 1741, Amboin. Rariteitk., pl. 39, fig. G (H.722).

RAVITRONA Iredale, 1930, Mem. Queensland Mus., 10, p. 81. O.T. *caputserpentis* Linne.

1192. *caputserpentis* Linne, 1758, Syst. Nat., 10 ed., p. 720. Mauritius. Lister, 1685, Hist. Conch., Lib. 4, Sect. 9, cap. 6, t. 12 (fig. 50) (H.711).

*Subfamily* EROSARIINAE

EROSARIA Troschel, 1863, Das Gebiss der Schnecken, 1, p. 205. T.T. (or L.T. Jousseaume, 1884, Bull. Soc. Zool. France, 9, p. 96) *erosa* Linne.

1193. *erosa* Linne, 1758, Syst. Nat., 10 ed., p. 723. Mauritius. Lister, 1685, Hist. Conch., Lib. 4, Sect. 9, cap. 6, t. 2, fig. 1 (39) (H.715).

1194. *poraria theoreta* Iredale, 1939, Aust. Zool., 9, p. 305, pl. 27, figs. 11-12. Clarence River, north N.S.W. (H.728).

1195. *helvola* Linne, 1758, Syst. Nat., 10 ed., p. 924. Maldive Islands. Sowerby, 1870, Thes. Conch., 4, p. 39, pl. 316, figs. 214-215 (H.720).

1196. *nashi* Iredale, 1931, Rec. Aust. Mus., 18, p. 219, pl. 24, figs. 5, 6. Sydney Harbour, N.S.W. (H.719).

1197. *tomlini prodiga* Iredale, 1939, Aust. Zool., 9, p. 307, pl. 27, figs. 7, 8. Newcastle, N.S.W.

1198. *percomis* Iredale, 1931, Rec. Aust. Mus., 18, p. 219, pl. 24, figs. 15-16. Sydney Harbour, N.S.W.

1199. *metavona* Iredale, 1935, Aust. Zool., 8, p. 117. Keppel Island, Queensland. Iredale, 1939, Aust. Zool., 9, p. 307, pl. 27, figs. 15-16 (H.726).

1200. *eburnea mara* Iredale, 1939, Aust. Zool., 9, p. 308. New Caledonia (also north N.S.W.). Not figured. Cf. *eburnea* Barnes, 1824, Ann. Lyc. Nat. Hist. New York, p. 133. Fiji Is. Sowerby, 1870, Thes. Conch., 4, p. 36, pl. 308, fig. 108.

MONETARIA Troschel, 1863, Das Gebiss der Schnecken, 1, p. 205. T.T. *moneta* Linne.

1201. *moneta* Linne, 1758, Syst. Nat., 10 ed., p. 723. Maldive Islands. Lister, 1685, Hist. Conch., Lib. 4, Sect. 9, cap. 8, t. 1, figs. 3, 4 (fig. 59). Cf. Schilder and Schilder, 1936, Proc. Zool. Soc. Lond., 1936, pp. 11, 13 et seq. (H.727).

Subgen. *Ornamentaria* Schilder and Schilder, 1936, Proc. Zool. Soc. Lond., 1936, p. 1115. O.T. *annulus* Linne.

1202. *annulus* Linne, 1758, Syst. Nat., 10 ed., p. 723. Amboina. Rumph, 1741, Amboin. Rariteitk, pl. 39, fig. D (Cf. *isomeres* Iredale, 1939, Aust. Zool., 9, p. 309, pl. 27, figs. 21, 22. Michaelmas Cay, Qld.) (H.707).

*Subfamily* STAPHYLAEINAE

STAPHYLAEA Jousseaume, 1884, Le Naturaliste, 6th Year, p. 76. T.T. *staphylaea* Linne.

1203. *staphylaea descripta* Iredale, 1935, Aust. Zool., 8, p. 119. Capricorn Group, Queensland. Iredale, 1939, Aust. Zool., 9, p. 310, pl. 27, figs. 23, 24.

PURPEROSA Iredale, 1935, Aust. Zool., 8, p. 119. O.T. *facifer* Iredale.

1204. *facifer* Iredale, 1935, Aust. Zool., 8, p. 119, pl. 8, figs. 6 a, b. Lindeman I., Queensland. Sowerby, 1870, Thes. Conch., 4, p. 138, pl. 316, figs. 223, 224 (*staphylaea* var.) (H.723).

*Subfamily* ERRONEINAE

ERRONEA Troschel, 1863, Das Gebiss der Schnecken, 1, p. 205. T.T. *errones* Linne.

1205. *nimiserrans* Iredale, 1935, Aust. Zool., 8, p. 130, pl. 9, figs. 1 a, b. Lindeman I., Queensland (H.716).

1206. *magerrones* Iredale, 1939, Aust. Zool., 9, p. 322, pl. 29, figs. 31, 32. Keppel Bay, Queensland (also North N.S.W.).

1207. *caurica longior* Iredale, 1935, Aust. Zool., 8, p. 130. Lindeman I., Queensland. Not figured. Cf. *blaesa* Iredale, 1939, Aust. Zool., 9, p. 322, pl. 29, figs. 3, 4. Western Australia (H.713).

OVATIPSA Iredale, 1931, Rec. Aust. Mus., 18, p. 219. O.T. *chinensis* Gmelin.

1208. *chinensis sydneyensis* Schilder and Schilder, 1938, Proc. Malacol. Soc., 23, p. 170. Sydney, N.S.W. Iredale, 1931, Rec. Aust. Mus., 18, p. 219, pl. 24, figs. 11, 20, not 19 (H.716a).

TALOSTOLIDA Iredale, 1931, Rec. Aust. Mus., 18, p. 219. O.T. *teres* Gmelin.

1209. *teres pentella* Iredale, 1939, Aust. Zool., 9, p. 311, pl. 28, figs. 15-16. Lady Elliot Is., Queensland (also Port Jackson, N.S.W.) (H.730).

1210. *subteres hermanni* Iredale, 1939, Aust. Zool., 9, p. 311, pl. 28, figs. 13, 14. Lady Elliot Is., Queensland. Iredale, 1935, Aust. Zool., 8, p. 122. N.S.W. *(subteres).*

CUPINOTA Iredale, 1939, Aust. Zool., 9, p. 312. O.T. *macula* Angas.

1211. *macula* Angas, 1867, Proc. Zool. Soc. Lond., 1867, p. 206. Port Jackson, N.S.W. Iredale, 1935, Aust. Zool., 8, p. 123, pl. 9, figs. 7 a, b. Queensland (H.718a).

1212. *hammondae* Iredale, 1939, Aust. Zool., 9, p. 312, pl. 28, figs. 19-22. Clarence River, N.S.W.

OPPONARIA Iredale, 1939, Aust. Zool., 9, p. 312. O.T. *minoridens* Melvill.

1213. *minoridens blandita* Iredale, 1939, Aust.

Zool., 9, p. 312, pl. 28, figs. 17, 18. Port Jackson, N.S.W. (H.718).

Evenaria Iredale, 1930, Mem. Queensland Mus., 10, p. 81. O.T. *asellus* Linne.

1214. *latefasciata* Schilder, 1930, Zool. Anzeig., 92, p. 78. W. Sunda Is. Iredale, 1939, Aust. Zool., 9, p. 313, pl. 28, fig. 26. Sydney, N.S.W. (H.710).

1215. *hirundo cameroni* Iredale, 1939, Aust. Zool., 9, p. 314, pl. 28, figs. 29, 31. Lindeman I., Queensland (H.721).

1216. *ursellus marcia* Iredale, 1939, Aust. Zool., 9, p. 314, pl. 28, figs. 23, 24. Clarence River, north N.S.W.

1217. *iredalei* Schilder and Schilder, 1938, Proc. Malacol. Soc., 23, p. 156. Lindeman I., Queensland. Based on Iredale, 1935, Aust. Zool., 8, p. 125, pl. 9, figs. 4 a, b, c (*atomaria*, not of Gmelin 1791). N.S.W.

Palmadusta Iredale, 1930, Mem. Queensland Mus., 10, p. 81. O.T. *clandestina* Linne.

1218. *clandestina extrema* Iredale, 1939, Aust. Zool., 9, p. 312, pl. 28, figs. 17, 18. Port Jackson, N.S.W. (H.714).

1219. *humphreyii* (*humphreysii* errore) Gray, 1825, Zool. Journ., 1, p. 489. Amboina. Iredale, 1939, Aust. Zool., 9, p. 316, pl. 29, fig. 11. N.S.W. (H.724).

1220. *ziczac signata* Iredale, 1939, Aust. Zool., 9, p. 317, pl. 29, fig. 11. N.S.W. (H.724).

Gratiadusta Iredale, 1930, Mem. Queensland Mus., 10, p. 82. O.T. *pyriformis* Gray.

1221. *walkeri merista* Iredale, 1939, Aust. Zool., 9, p. 318, pl. 29, figs. 20-21. Hayman I., Queensland. Cf. *walkeri* Sowerby, 1832, Conch. Illus., pt. 5, fig. 22. Persian Gulf. Iredale, 1935, Aust. Zool., 8, p. 127 (*walkeri*, from N.S.W.).

1222. *xanthodon* Sowerby, 1832, Conch. Illus., pt. 3, fig. 18. South Queensland (H.734).

Solvadusta Iredale, 1935, Aust. Zool., 8, p. 217. O.T. *vaticina* Iredale.

1223. *vaticina* Iredale, 1931, Rec. Aust. Mus., 18, p. 219, pl. 24, figs. 19, 12. Sydney Harbour, N.S.W. (H.732).

Melicerona Iredale, 1930, Mem. Queensland Mus., 10, p. 83. O.T. *melvilli* Hidalgo.

1224. *melvilli velesia* Iredale, 1939, Aust. Zool., 9, p. 320, pl. 29, figs. 22, 23. Clarence River, north N.S.W. (H.717).

*Subfamily* AUSTROCYPRAEINAE

Notocypraea Schilder, 1927, Arch. fur Naturg. (Wiegmann), 91st Year, Abt. A, Heft 10, p. 110. O.T. *piperita* Gray.

1225. *piperita* Gray, 1825, Zool. Journ., I, p. 498. South Australia. Sowerby, 1870, Thes. Conch., 4, pl. 319, figs. 285-286. Beddome, 1898, Proc. Linn. Soc. N.S.W., 22, p. 574, pl. 21, figs. 17-18. Tasmania (H.706a).

1226. *dissecta* Iredale, 1931, Rec. Aust. Mus., 18, p. 220, pl. 24, figs. 7, 8. Off Twofold Bay, N.S.W., 45 fm.

1227. *declivis* Sowerby, 1870, Thes. Conch., 4, p. 31, pl. 319, figs. 287, 328, 329. Tasmania. Beddome, 1898, Proc. Linn. Soc. N.S.W., 22, p. 571, pl. 21, figs. 12-14.

1228. *emblema* Iredale, 1931, Rec. Aust. Mus., 18, p. 220, pl. 24, figs. 3, 4. Off Cape Everard, Vic., 70-90 fm.

1229. *bicolor* Gaskoin, 1849, Proc. Zool. Soc. Lond., 1848, p. 92. South Australia. Sowerby, 1870, Thes. Conch., 4, pl. 319, figs. 288-289. Beddome, 1898, Proc. Linn. Soc. N.S.W., 22, p. 570, pl. 21, figs. 4, 5. Tasmania (H.706).

1230. *verconis* Cotton and Godfrey, 1932, South Aust. Nat., 13, p. 41, pl. 1, fig. 8. St. Vincent Gulf, South Australia. Sowerby, 1870, Thes. Conch., 4, pl. 309, figs. 296-297 (*angustata*, not of Gmelin 1791). Beddome, 1898, Proc. Linn. Soc. N.S.W., 22, p. 568, pl. 21, fig. 1 (Tasmania, *angustata*, not of Gmelin).

Thelxinovum Iredale, 1931, Rec. Aust. Mus., 18, p. 220. O.T. *molleri* Iredale.

1231. *molleri* Iredale, 1931, Rec. Aust. Mus., 18, p. 220, pl. 24, figs. 17, 18. Off Twofold Bay, N.S.W., 45 fm.

*Order* NEOGASTROPODA

*Suborder* RACHIGLOSSA

*Family* VOLUTIDAE

Livonia Gray, 1855, List. Moll. Brit. Mus., Volutidae, p. 8. L.T. (Hedley, 1915, Proc. Linn. Soc. N.S.W., 39, p. 723) *mamilla* Sowerby. (= *Mamillana* Crosse, 1871, J. de Conch., 19, p. 308. T.T. *mamilla* Sowerby). (= *Pterospira* Harris, 1897, Cat. Tert. Moll. Brit. Mus., 1, p. 100. O.T. *hannafordi* McCoy).

1232. *mamilla* Sowerby, 1844, Thes. Conch., 1, p. 257, pl. 1, figs. 57-58. N.S.W. Dautzenburg and Bouge, 1901, J. de Conch., 49, p. 10, pl. 2 (H.762).

1233. *mamilla leucostoma* Mayblom, 1951, Aust. Zool., 11, p. 283, pl. 26, fig. 3. Off southern New South Wales, below 80 fm.

1234. *quisqualis* Iredale, 1957, Proc. Roy. Zool. Soc. N.S.W., 1955-6, p. 123, fig. 1. Bass Strait, 100 fm.

1235. *roadknightae* McCoy, 1881, Ann. Mag. Nat. Hist., (5), 8, p. 88, pl. 7. Gippsland, Victoria (H.763).

Cymbiolena Iredale, 1929, Rec. Aust. Mus., 17, p. 181. O.T. *magnifica* Gebauer.

1236. *magnifica* Gebauer, 1802, Syst. Verz. Conchyl. nach Linne, p. 26. Botany Bay, N.S.W. Chemnitz, 1795, Conch. Cab., 11, p. 8, pls. 174-175 (H.757).

1237. *magnifica altispira* Mayblom, 1951, Aust. Zool., 11, p. 282, pl. 26, fig. 1. East coast N.S.W., 60 fm.

CYMBIOLISTA Iredale, 1929, Rec. Aust. Mus., 17, p. 181. O.T. *hunteri* Iredale.

1238. *hunteri* Iredale, 1931, Rec. Aust. Mus., 18, p. 223. Port Jackson, N.S.W. New name for *Voluta marmorata* Swainson, 1821, Exotic Conch., pl. 1 (not *V. marmorata* Shaw and Nodder, 1808) (H.758).

CYMBIOLACCA Iredale, 1929, Rec. Aust. Mus., 17, p. 181. O.T. *complexa* Iredale.

1239. *complexa* Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, p. 258. New South Wales. New name for *Voluta punctata* Swainson, 1823, Zool. Illus., (1), pl. 161. (Not *V. punctata* Allan, 1818) (H.759).

ERICUSA H. and A. Adams, 1858, Gen. Rec. Moll., 2, p. 619. L.T. (Cotton and Godfrey, 1932, South Aust. Nat., 13, p. 49) *fulgetrum* Sowerby.

1240. *papillosa* Swainson, 1822, Cat. Shells. Coll. Bligh, App., p. 10. South Australia. Sowerby, 1844, Thes. Conch., I, p. 207, pl. 48, fig. 30. (Feejees, errore.)

1241. *papillosa kenyoniana* Brazier, 1898, Proc. Linn. Soc. N.S.W., 22, p. 779. Off Cape Everard, Victoria. Verco, 1912, Trans. Roy. Soc. South Aust., 36, p. 228, pl. 14, figs. 1-3. Great Australian Bight (H.760).

1242. *sericata* Thornley, 1951, Proc. Roy. Zool. Soc., N.S.W., 1949-50, p. 53, fig. in text. Off Broughton Is., N.S.W.

MESERICUSA Iredale, 1929, Rec. Aust. Mus., 17, p. 181. O.T. *sowerbyi perspecta* Iredale.

1243. *sowerbyi perspecta* Iredale, 1929, Rec. Aust. Mus., 17, p. 181, pl. 41, fig. 9. Off Montagu I., N.S.W., 50-60 fm. (H.761).

1244. *sowerbyi porcellana* Jackson, 1954, Proc. Roy. Zool. Soc. N.S.W., 1952-3, p. 37, pl. 2, fig. 2. Off N.S.W. coast, below 70 fm.

NANNAMORIA Iredale, 1929, Rec. Aust. Mus., 17, p. 181. O.T. *amicula* Iredale.

1245. *amicula* Iredale, 1929, Rec. Aust. Mus., 17, p. 181, pl. 40, fig. 4. Off Montagu I., N.S.W., 50-60 fm.

AMORENA Iredale, 1929, Rec. Aust. Mus., 17, p. 180. O.T. *undulata* Lamarck. Cf. Ludbrook, 1954, Proc. Malacol. Soc., 30, pp. 131-153, pls. 14-18.

1246. *undulata* Lamarck, 1804, (*ondulata* errore), Ann. Mus. Hist. Nat. Paris, 5, p. 157, pl. 12, fig. 1. Bass Strait (H.755).

1247. *moslemica* Hedley, 1912, Rec. Aust. Mus., 8, p. 145, pl. 43, figs. 29-30. Off Sydney, N.S.W., 250 fm. (H.754).

1248. *australiae* Cox, 1871, Proc. Zool. Soc. Lond., 1871, p. 643, pl. 52, figs. 1, 1 a. Bass Strait.

RELEGAMORIA Iredale, 1936, Rec. Aust. Mus., 19, p. 314. O.T. *molleri* Iredale.

1249. *molleri* Iredale, 1936, Rec. Aust. Mus., 19, p. 314, pl. 23, fig. 10. Off Manly, N.S.W., 85 fm.

ZEBRAMORIA Iredale, 1929, Rec. Aust. Mus., 17, p. 180. O.T. *zebra* Leach.

1250. *zebra* Leach, 1814, Zool. Miscell., 1, p. 31, pl. 12, fig. 1. Broken Bay, N.S.W. (H.756).

1251. *lineata* Leach, 1814, Zool. Miscell., 1, p. 31, pl. 12, fig. 2. South Queensland. Ludbrook, 1953, Proc. Malacol. Soc., 30, pp. 145-149, pl. 18, figs. 1-4.

VOLUTOCONUS Crosse, 1871, J. de Conch., 19, p. 396. H.T. *coniformis* Cox.

1252. *grossi* Iredale, 1927, Aust. Zool., 4, p. 336, pl. 46, fig. 2. Caloundra, Queensland. Allan, 1956, Proc. Roy. Zool. Soc. N.S.W., 1954-5, p. 48, text fig. 1. Off Wooli, north N.S.W., 35 fm.

TERNIVOLUTA Martens, 1897, Arch. Nat. (Wiegmann), 63, p. 177. L.T. (Maxwell Smith, 1942, Review of the Volutidae, p. 15) *studeri* Martens.

1253. *studeri* Martens 1897, Arch. Nat. (Weigmann) 63, pp. 177-8, pl. 17, fig. 2. East Australia (= N. of Cape Moreton, Queensland). McMichael, 1959, Proc. Roy. Zool. Soc. N.S.W., 1957-8, pp. 60-62, fig. 1.

LYRENETA Iredale, 1937, Rec. Aust. Mus., 20, p. 128. O.T. *laseroni* Iredale.

1254. *laseroni* Iredale, 1937, Rec. Aust. Mus., 20, p. 128, pl. 29. Point Halliday, N.S.W. New name for *Voluta brazieri* Cox, 1873, Proc. Zool. Soc. Lond., 1873, p. 568, pl. 48, fig. 8 (not *V. brazieri* Brazier, 1869). Sowerby, 1887, Thes. Conch., 5, p. 303, pl. 517, fig. 168. Smith, 1904, Proc. Malacol. Soc., 6, p. 178, text fig. Thornley, 1951, Proc. Roy. Zool. Soc. N.S.W., 1949-50, p. 51, fig. 13 (H.764).

LYRIA Gray, 1847, Proc. Zool. Soc. Lond., 1847, p. 141. O.T. *nucleus* Lamarck.

1255. *peroniana* Iredale, 1940, Aust. Zool., 9, p. 435. Newcastle N.S.W. Not figured. Cf. *pattersonia* Perry, 1811, Conch., pl. 17, fig. 1 (Norfolk I.) and *howensis* Iredale, 1940, Aust. Zool., 9, p. 435, pl. 32, fig. 3 (H.765).

*Family* MICROVOLUTIDAE

MICROVOLUTA Angas, 1877, Proc. Zool. Soc. Lond., 1877, p. 34. H.T. *australis* Angas.

1256. *australis* Angas, 1877, Proc. Zool. Soc. Lond., 1877, p. 35, pl. 5, fig. 2. Off Sydney, N.S.W., 25 fm. (H.904).

1257. *royana* Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, p. 269, pl. 35, fig. 13. Off Twofold Bay, N.S.W., 20-25 fm.

*Family* MITRIDAE

[Ref.:—Laseron, 1951, Rec. Aust. Mus., 22, pp. 339-343, figs.]

VICIMITRA Iredale, 1929, Aust. Zool., 5, p. 343. H.T. *prosphora* Iredale.

1258. *prosphora* Iredale, 1929, Aust. Zool., 5, p. 343, pl. 38, fig. 17. Sydney Harbour, N.S.W. (H.901).

1259. *contermina* Iredale, 1936, Rec. Aust. Mus., 19, p. 320, pl. 23, fig. 15. Sydney Harbour, N.S.W. (H.895).

1260. *exposita* Iredale, 1936, Rec. Aust. Mus., 19, p. 320, pl. 23, fig. 14. Sydney Harbour, N.S.W. (H.893).

1261. *cookii* Sowerby, 1874, Thes. Conch., 4, p. 7, pl. 354, fig. 228. Moreton Bay, Queensland (H.894).

1262. *rhodia* Reeve, 1845, Conch. Icon., 2, *Mitra*, pl. 28, fig. 225. Port Jackson, N.S.W. (H.900).

1263. *jervisensis* Laseron, 1951, Rec. Aust. Mus., 22, p. 341, fig. 4. Jervis Bay, N.S.W., 15 fm.

1264. *tasmantis* Laseron, 1951, Rec. Aust. Mus., 22, p. 341, fig. 3. Off Twofold Bay, N.S.W., 50-70 fm.

1265. *sinusigera* Laseron, 1951, Rec. Aust. Mus., 22, p. 339, figs. 2, 2 a. Near Sydney, N.S.W.

AUSTROMITRA Finlay, 1927, Trans. New Zeal. Inst., 57, p. 410. O.T. *rubiginosa* Hutton.

1266. *acromialis* Hedley, 1915, Proc. Linn. Soc. N.S.W., 39, p. 730, pl. 84, fig. 85. Off Port Stephens, N.S.W., 35 fm. (H.892).

1267. *cericosta* Laseron, 1951, Rec. Aust. Mus., 22, p. 342, fig. 9. Off Crookhaven, N.S.W., 30-35 fm.

1268. *volucra* Hedley, 1915, Proc. Linn. Soc. N.S.W., 39, p. 730, pl. 84. Woolgoolga, N.S.W. (H.903).

1269. *legrandi* Tenison-Woods, 1876, Proc. Roy. Soc. Tasm., 1875, p. 140. Bass Strait. Hedley, 1900, Rec. Aust. Mus., 3, p. 219, text figs. (H.896).

CANCILLA Swainson, 1840, Treat. Malac., pp. 130, 320. L.T. (Herrmannsen, 1846, Ind. Gen. Malac., 1, p. 166) *isabella* Swainson.

1271. *strangei* Angas, 1867, Proc. Zool. Soc. Lond., 1867, p. 110, pl. 13, fig. 4. Port Jackson, N.S.W. (H.902).

1272. *nodostaminea* Hedley, 1912, Rec. Aust. Mus., 8, pl. 50, pl. 43, fig. 35. Off Port Kembla, N.S.W., 63-75 fm. (H.898).

MITROPIFEX Iredale, 1929, Aust. Zool., 5, p. 346. O.T. *quasillus* Iredale.

1273. *quasillus* Iredale, 1929, Aust. Zool., 5, p. 346, pl. 38, fig. 18. Sydney Harbour, N.S.W.

SCABRICOLA Swainson, 1840, Treat. Malac., pp. 130, 319. L.T. (Gray, 1847, Proc. Zool. Soc. Lond., 1847, p. 141) "*serpentina* Lamarck" (= *scabriuscula* Gmelin).

1274. *eximia* A. Adams, Proc. Zool. Soc. Lond., 1851, p. 135. Mauritius. Sowerby, 1844, Thes. Conch., 4, p. 3, pl. 366, fig. 266.

PUSIA Swainson, 1840, Treat. Malac., pp. 130, 320. H.T. *microzonias* Lamarck.

1275. *tuberosa* Reeve, 1844, Conch. Icon., 2, *Mitra*, pl. 30, fig. 237. Philippines. Laseron, 1951, loc. cit., p. 343. N.S.W.

CHRYSAME H. and A. Adams, 1853, Gen. Rec. Moll., 1, p. 171. L.T. (Cox, 1927, Rept. Palaeont. Zanzibar Protect., p. 91) *coronata* Lamarck.

1276. *lemma* Iredale, 1929, Aust. Zool., 5, p. 343, pl. 38, fig. 6. Sydney Harbour, N.S.W.

1277. *crassa* Swainson, 1822, Zool. Illus., 1, (2), pl. 88. Philippine Islands. Reeve, 1844, Conch. Icon., 2, *Mitra*, pl. 2, fig. 7.

1278. *lugubris* Swainson, 1821, Zool. Illus., 1, (2), pl. 66, fig. No locality. Sowerby, 1844, Thes. Conch., 4, p. 20, pl. 364, figs. 199-201. Laseron, 1951, loc. cit., p. 343. N.S.W.

1279. *peregra* Reeve, 1844, Conch. Icon., 2, *Mitra*, pl. 24, fig. 186. Philippine Islands. Laseron, 1951, loc. cit., p. 343. N.S.W.

ARENIMITRA Iredale, 1929, Mem. Queensland Mus., 9, p. 206. O.T. *arenosa* Lamarck.

1280. *arenosa* Lamarck, 1811, Ann. Mus. Nat. Hist. Paris, 17, p. 219. Philippine Islands. Id., 1822, Hist. Anim. s. Vert., 7, p. 321. Kiener, 1838, Coq. Vivants, *Mitra*, p. 91, pl. 25, fig. 80 (*torulosa* var. not of Lamarck, 1811).

1281. *contempta* Dautzenberg and Bouge, 1923, J. de Conch., 67, p. 213. Philippine Is. New name for *Mitra exasperata* Reeve, 1844, Conch. Icon., 2, *Mitra*, pl. 21, fig. 162 (not *M. exasperata* Gmelin, 1791) (= *michaelis* Iredale, 1929, Mem. Queensland Mus., 9, p. 286. Michaelmas Cay, Queensland) (H.899).

STRIGATELLA Swainson, 1840, Treat. Malac., pp. 30, 319. L.T. (Gray, 1847, Proc. Zool. Soc. Lond., 1847, p. 141) "*zebra* Lamarck" (= *paupercula* Gmelin).

1282. *scutulata* Gmelin, 1791, Syst. Nat., pt. 6, p. 3452. East Indies. Chemnitz, 1888, Conch. Cab., 10, pl. 151, figs. 1428-1429 (= *discolor* Bolten-Roding, 1798, Mus. Bolten., 2, p. 137. Iredale, 1929, Mem. Queensland Mus. 9, p. 286).

1283. *litterata* Lamarck, 1811, Ann. Mus. Nat.

Hist. Paris, 17, p. 220. Indian Ocean. Kiener, 1838, Coq. Vivants, *Mitra*, p. 50, pl. 16, fig. 50.

*Family* PECULATORIDAE

PECULATOR Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, p. 269. O.T. *verconis* Iredale.

1284. *verconis* Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, p. 269, pl. 34, fig. 5. Off Twofold Bay, N.S.W., 15-25 fm.

*Family* HARPIDAE

PALAMHARPA Iredale, 1931, Rec. Aust. Mus., 18, p. 230. O.T. *exquisita* Iredale.

1285. *exquisita* Iredale, 1931, Rec. Aust. Mus., 18, p. 230, pl. 22, fig. 8. Off Twofold Bay, N.S.W., 45 fm.

*Family* OLIVIDAE

OLIVA Bruguiere, 1789, Ency. Meth., Vers., 1, p. 15. T.T. *oliva* Linne.

1286. *sericea miniacea* Bolten-Roding, 1798, Mus. Bolten., 2, p. 33. East Indies. Martini, 1777, Conch. Cab., 2, pl. 45, figs. 476, 477 (H.766).

BELLOLIVA Peile, 1922, Proc. Malacol. Soc., 15, p. 18. O.T. *brazieri* Angas.

1287. *leucozona* A. Adams and Angas, 1864, Proc. Zool. Soc. Lond., 1863, p. 422, pl. 37, fig. 23. Port Jackson, N.S.W. (H.768).

1288. *leucozona brazieri* Angas, 1877, Proc. Zool. Soc. Lond., 1877, p. 172, pl. 26, fig. 6. "Newcastle" (error = Jervis Bay, N.S.W.) (H.768a).

1289. *exquisita* Angas, 1871, Proc. Zool. Soc. Lond., 1871, p. 13, pl. 1, fig. 2. Near Sydney, N.S.W. (H.767).

GEMMOLIVA Iredale, 1924, Proc. Linn. N.S.W., 49, pp. 183, 259. H.T. *triticea* Duclos.

1290. *triticea* Duclos, 1835, Monog., *Oliva*, pl. 1, figs. 5-6. Port Jackson, N.S.W. (= *pardalis* A. Adams and Angas, 1864, Proc. Zool. Soc. Lond., 1863, p. 422, pl. 39, fig. 3) (H.770).

CUPIDOLIVA Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, p. 259. O.T. *nympha* A. Adams and Angas.

1291. *nympha* A. Adams and Angas, 1864, Proc. Zool. Soc. Lond., 1863, p. 422. Port Stephens, N.S.W. Marrat, 1871, Thes. Conch. (Sowerby), 4, p. 39 bis, pl. 350, fig. 426 (H.769).

*Family* ANCILLIDAE

ANCILLISTA Iredale, 1936, Rec. Aust. Mus., 19, p. 314. O.T. *velesiana* Iredale.

1292. *velesiana* Iredale, 1936, Rec. Aust. Mus., 19, p. 314, pl. 23, fig. 9. Off Cape Hawke, N.S.W., 45-50 fm. (H.771).

ALOCOSPIRA Cossmann, 1899, Essais Pal. Comp., livr. 3, p. 92. O.T. *papillata* Tate.

1293. *oblonga* Sowerby, 1830, Spec. Conch., *Ancillaria*, p. 7, pl. 13, figs. 38-39. Port Jackson, N.S.W. (H.773).

1294. *marginata tasmanica* Tenison-Woods, 1878, Proc. Roy. Soc. Tasm., 1877, p. 30. Tasmania. Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, p. 260. Southern N.S.W.

1295. *dyspetes* Iredale, 1929, Aust. Zool., 5, p. 341, pl. 38, fig. 12. Sydney Harbour, N.S.W.

1296. *fusiformis* Petterd, 1886, Proc. Roy. Soc. Tasm., 1885, p. 342. Tasmania. Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, p. 261, pl. 36, fig. 10. Southern N.S.W.

1297. *fusiformis gaza* Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, p. 261, pl. 36, fig. 9. Off Merimbula, N.S.W., 18 fm.

AUSTRANCILLA Habe, 1959, J. Malacol. Soc. Aust., 3, p. 38. O.T. *edithae* Pritchard and Gatliff.

1298. *edithae* Pritchard and Gatliff, 1899, Proc. Roy. Soc. Vict., 11, (n.s.), p. 181, pl. 20, fig. 5. Victoria (H.772).

*Family* MARGINELLIDAE

[Ref.:—Laseron, 1948, Rec. Aust. Mus., 22, pp. 135-148, pls. 5, 6, and Laseron, 1957, Aust. J. Mar. Freshw. Res., 8, pp. 274-311, 84 figs.]

OVAGINELLA Laseron, 1957, Aust. J. Mar. Freshw. Res., p. 280. O.T. *ovulum* Sowerby.

1299. *ovulum* Sowerby, 1846, Thes. Conch., 1, p. 401, pl. 78, fig. 188. Port Jackson, N.S.W. Laseron, 1948, loc. cit., p. 44, pl. 6, fig. 37 (H.792).

1300. *whani* Pritchard and Gatliff, 1900, Proc. Roy. Soc. Vict., 13, (n.s.), p. 137, pl. 21, figs. 5, 6. Victoria. Laseron, 1948, loc. cit., p. 45, pl. 6, fig. 38. Port Jackson, N.S.W. (H.800).

1301. *nielseni* Laseron, 1948, Rec. Aust. Mus., 22, p. 45, pl. 6, fig. 40. Off Bateman's Bay, N.S.W., 25-60 fm.

1302. *stiria* Cotton, 1949, Rec. South Aust. Mus., 9, p. 209. New name for *Marginella rotunda* Laseron, 1948, loc. cit., 22, p. 45, pl. 6, fig. 48 (not *M. rotunda* May, 1922). Off Crookhaven, N.S.W., 30-35 fm.

MICROGINELLA Laseron, 1957, Aust. J. Mar. Freshw. Res., 8, p. 280. O.T. *anxia* Hedley.

1303. *nympha* Henn and Brazier, 1894, Proc. Linn. Soc. N.S.W., 19, p. 168, pl. 14, fig. 2. Port Jackson, N.S.W. Laseron, 1948, loc. cit., p. 45, fig. 39 (H.788).

1304. *multidentata* May, 1920, Proc. Roy. Soc. Tasm., 1919, p. 59, pl. 14, fig. 6. South Tasmania. Laseron, 1948, loc. cit., p. 46, pl. 6, fig. 44. Off Twofold Bay, N.S.W., 60 fm.

TRIGINELLA Laseron, 1957, Aust. J. Mar. Freshw. Res., 8, p. 280. O.T. *malina* Hedley.

1305. *malina* Hedley, 1915, Proc. Linn. Soc. N.S.W., 39, p. 725, pl. 82, fig. 65. Off Narrabeen, N.S.W., 80 fm. Laseron, 1948, loc. cit., p. 44, pl. 6, fig. 36 (H.783).

EULIGINELLA Laseron, 1957, Aust. J. Mar. Freshw. Res., 8, p. 282. O.T. *angasi* Crosse.

1306. *angasi* Crosse, 1870, J. de Conch., 18, p. 304. Port Jackson, N.S.W. Hedley, 1915, Proc. Linn. Soc. N.S.W., 39, p. 726, pl. 82, fig. 66. Laseron, 1948, loc. cit., p. 45, pl. 6, fig. 41 (H.775).

1307. *melania* Laseron, 1948, Rec. Aust. Mus., 22, p. 46, pl. 6, fig. 42. Port Jackson, N.S.W.

1308. *amphora* Laseron, 1948, Rec. Aust. Mus., 22, p. 46, pl. 6, fig. 43. Off Point Halliday, N.S.W., 8-10 fm.

1309. *subauriculata* May, 1916, Proc. Roy. Soc. Tasm., 1915, p. 86, pl. 2, fig. 7. South Tasmania, 40 fm. Laseron 1948, loc. cit., p. 46, pl. 6, fig. 45. Port Stephens, N.S.W.

MESOGINELLA Laseron, 1957, Aust. J. Mar. Freshw. Res., 8, p. 282. O.T. *turbinata* Sowerby.

1310. *turbinata* Sowerby, 1846, Thes. Conch., 1, p. 385, pl. 75, figs. 70-71. Port Jackson, N.S.W. Laseron, 1948, loc. cit., p. 37, pl. 5, fig. 1 (H.798).

1311. *pusilla* Laseron, 1948, Rec. Aust. Mus., 22, p. 37, pl. 5, fig. 2. Twofold Bay, N.S.W., 60 fm.

SINUGINELLA Laseron, 1957, Aust. J. Mar. Freshw. Res., 8, p. 282. O.T. *inconspicua* Sowerby.

1312. *inconspicua* Sowerby, 1846, Thes. Conch., 1, p. 387, pl. 75, fig. 80. Port Jackson, N.S.W. Hedley, 1915, Proc. Linn. Soc. N.S.W., 39, p. 726, pl. 82, fig. 64. Laseron, 1948, loc. cit., p. 37, pl. 5, fig. 5 (H.780).

1313. *olivella* Reeve, 1865, Conch. Icon., 15, *Marginella*, pl. 25, fig. 140. Port Jackson, N.S.W. Laseron, 1948, loc. cit., p. 37, pl. 5, fig. 3 (H.790).

1314. *infelix* Jousseaume, 1875, Rev. Mag. Zool., (3), 3, p. 238. Port Jackson, N.S.W. = *procella* May, 1915, Proc. Roy. Soc. Tasm., 1915, p. 87, pl. 2, fig. 10. Storm Bay, S. Tasmania, 24 fm. Laseron, 1948, loc. cit., p. 37, pl. 5, fig. 4 (H.791).

1315. *strangei* Angas, 1877, Proc. Zool. Soc. Lond., 1877, p. 172, pl. 26, fig. 8. Port Jackson, N.S.W. Hedley, 1902, Proc. Linn. Soc. N.S.W., 27, p. 18, text fig. Laseron, 1948, loc. cit., p. 38, pl. 5, fig. 9 (H.795).

1316. *frequens* Laseron, 1948, Rec. Aust. Mus., 22, p. 39, pl. 5, fig. 10. Off Sydney, N.S.W., 30-50 fm.

1317. *sinuata* Laseron, 1948, Rec. Aust. Mus., 22, p. 39, pl. 5, fig. 13. Off Point Halliday, N.S.W., 8-10 fm.

1318. *translucida* Sowerby, 1846, Thes. Conch., 1, p. 376, pl. 75, figs. 62-63. Port Jackson, N.S.W. Hedley, 1915, Proc. Linn. Soc. N.S.W., 39, p. 725, pl. 82, fig. 67. Laseron, 1948, loc. cit., p. 41, pl. 5, fig. 16 (H.797).

1319. *humerica* Laseron, 1948, Rec. Aust. Mus., 22, p. 41, pl. 5, fig. 17. Off Port Macquarie, N.S.W., 12 fm.

1320. *schoutanica* May, 1913, Proc. Roy. Soc. Tasm., 1912, p. 45, pl. 2, fig. 2. Tasmania. Laseron, 1948, loc. cit., p. 38, pl. 5, fig. 6. Twofold Bay, N.S.W., 5-25 fm.

1321. *punicea* Laseron, 1948, Rec. Aust. Mus., 22, p. 38, pl. 5, fig. 7. Jervis Bay, N.S.W., 15 fm.

1322. *pipire* Laseron, 1948, Rec. Aust. Mus., 22, p. 38, pl. 5, fig. 8. Off Twofold Bay, N.S.W., 60 fm. Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, p. 261 (*caducocincta*, not of May, 1916).

1323. *binivitta* Laseron, 1948, Rec. Aust. Mus., 22, p. 39, pl. 5, fig. 11, Jervis Bay, N.S.W., 15 fm.

1324. *sinapi* Laseron, 1948, Rec. Aust. Mus., 22, p. 40, pl. 5, fig. 15. Port Jackson, N.S.W.

1325. *parsobrina* Laseron, 1948, Rec. Aust. Mus., 22, p. 40, text fig. 1. Off Crookhaven, N.S.W., 30-35 fm.

KOGOMEA Habe, 1951, Illus. Cat. Japanese Shells (ed. T. Kuroda), p. 103, fig. 11. O.T. *novemprovincialis* Yokoyama.

1326. *royana* Laseron, 1957, Aust. J. Mar. Freshw. Res., 8, p. 306. New name for *Marginella quinqueplicata* Laseron, 1948, Rec. Aust. Mus., 22, p. 41, pl. 5, fig. 22. Twofold Bay, N.S.W., 5 fm. (not *M. quinqueplicata* Lamarck, 1822).

1327. *stilla* Hedley, 1903, Mem. Aust. Mus., 4, p. 367, fig. 90. Off Port Kembla, N.S.W., 63-75 fm. Laseron, 1948, loc. cit., p. 41, pl. 5, fig. 21 (H.794).

1328. *subbulbosa* Tate, 1878, Trans. Roy. Soc. South Aust., 1, p. 86. Spencer's Gulf, South Australia. Hedley, 1902, Proc. Linn. Soc. N.S.W., 27, p. 18, text fig. (H.796).

DEVIGINELLA Laseron, 1957, Aust. J. Mar. Freshw. Res., 8, p. 283. O.T. *brachia* Watson.

1329. *victoriae* Gatliff and Gabriel, 1908, Proc. Roy. Soc. Vict., 21, (n.s.), p. 365, pl. 21, fig. 5. Victoria. Laseron, 1948, loc. cit., p. 39, pl. 5, fig. 12. Port Jackson, N.S.W. (H.799).

HALOGINELLA Laseron, 1957, Aust. J. Mar. Freshw. Res., 8, p. 284. O.T. *mustelina* Angas.

1330. *mustelina* Angas, 1871, Proc. Zool. Soc. Lond., 1871, p. 14, pl. 1, fig. 5. Port Jackson, N.S.W. Hedley, 1917, Proc. Linn. Soc. N.S.W., 41, p. 709, pl. 50, fig. 31 (animal). Laseron, 1948, loc. cit., p. 42, pl. 5, fig. 23 (*mustellina* errore) (H.787).

1331. *haswelli* Laseron, 1948, Rec. Aust. Mus., 22, p. 42, pl. 5, fig. 24. Off Narrabeen, N.S.W., 80 fm.

AUSTROGINELLA Laseron, 1957, Aust. J. Mar. Freshw. Res., 8, p. 285. O.T. *muscaria* Lamarck.

1332. *muscaria* Lamarck, 1822, Hist. Anim. s. Vert., 7, p. 359. South Tasmania. Chenu, 1850, Illus. Conch., *Marginella*, pl. 2, fig. 3. Laseron, 1948, loc. cit., p. 42, pl. 5, fig. 25. Cronulla, N.S.W. (H.786).

1333. *johnstoni* Petterd, 1884, J. of Conch., 4, p. 143. North Tasmania. May, 1923, Illus. Index Tasm. Shells, pl. 31, fig. 2. Laseron, 1948, loc. cit., p. 42, pl. 6, fig. 47. Cronulla, N.S.W. (H.781).

1334. *tasmanica* Tenison-Woods, 1876, Proc. Roy. Soc. Tasm., 1875, p. 28. South Tasmania. Tryon, 1883, Man. Conch., 5, p. 23, pl. 7, fig. 6. Laseron, 1948, loc. cit., p. 42, pl. 6, fig. 26. Port Jackson, N.S.W.

PROTOGINELLA Laseron, 1957, Aust. J. Mar. Freshw. Res., 8, p. 285. O.T. *lavigata* Brazier.

1335. *geminata* Hedley, 1912, Rec. Aust. Mus., 8, p. 145, pl. 42, fig. 28. Off Wollongong, N.S.W., 100 fm. Laseron, 1948, loc. cit., p. 43, pl. 6, fig. 32 (H.779).

ALAGINELLA Laseron, 1957, Aust. J. Mar. Freshw. Res., 8, p. 286. O.T. *ochracea* Angas.

1336. *ochracea* Angas, 1871, Proc. Zool. Soc. Lond., 1871, p. 14, pl. 1, fig. 6. Shellsand, coast of New South Wales (= *crescere* Laseron, 1948, loc. cit., p. 44, pl. 6, fig. 34, off Point Halliday, N.S.W., 8-10 fm.) (H.789).

1337. *metcalfei* Angas, 1877, Proc. Zool. Soc. Lond., 1877, p. 173, pl. 26, fig. 9. Port Jackson, N.S.W. Laseron, 1948, loc. cit., p. 44, pl. 6, fig. 33 (*ochracea*, not of Angas 1871) (H.789 pt.).

1338. *laeviplicata* Laseron, 1948, Rec. Aust. Mus., 22, p. 44, pl. 6, fig. 35. Off Crookhaven, N.S.W., 30-35 fm.

LONGINELLA Laseron, 1957, Aust. J. Mar. Freshw. Res., 8, p. 286. O.T. *maugeana* Hedley.

1339. *maugeana* Hedley, 1915, Proc. Linn. Soc. N.S.W., 39, p. 727. New name for *Marginella gracilis* May, 1911, Proc. Roy. Soc. Tasm., 1910, p. 383, pl. 13, fig. 4. Off Cape Pillar, Tasmania, 100 fm. (not *M. gracilis* C. B. Adams, 1852). Laseron, 1948, loc. cit., p. 43, pl. 6, fig. 30. Jervis Bay, N.S.W., 15 fm.

1340. *gabrieli* May, 1911, Proc. Roy. Soc. Tasm., 1910, p. 386, pl. 13, fig. 9. Off Cape Pillar, Tasmania, 100 fm. Laseron, 1948, loc. cit., p. 43, pl. 6, fig. 29. Off Sydney, N.S.W., 30-50 fm.

1341. *cuneata* Laseron, 1948, Rec. Aust. Mus., 22, p. 43, pl. 6, fig. 31. Twofold Bay, N.S.W., 50-70 fm. Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, p. 261 (*dentiens*, not of May, 1910).

1342. *kemblensis* Hedley, 1903, Mem. Aust. Mus., 4, p. 365, fig. 88. Off Port Kembla, N.S.W., 63-75 fm. Laseron, 1948, loc. cit., p. 43, pl. 6, fig. 27 (H.782).

VOLVARINELLA Habe, 1951, Illus. Cat. Japanese Shells (ed. T. Kuroda), p. 101, fig. 10. O.T. *makiyamai* Habe.

1343. *mayii* Tate and May, 1900, Trans. Roy. Soc. South Aust., 24, p. 93. Tasmania. Id., 1901, Proc. Linn. Soc. N.S.W., 26, p. 362, pl. 27, fig. 84. Laseron, 1948, loc. cit., p. 43, pl. 6, fig. 28. Off Twofold Bay, N.S.W., 60 fm. (H.784).

DOUBTFUL NEW SOUTH WALES RECORDS

1344. *agapeta* Watson, 1886, Rep. Sci. Res. Challenger, Zool., 15, p. 266, pl. 16, fig. 9. Off Port Jackson, N.S.W., 35 fm. (Not since recorded) (H.774).

1345. *multiplicata* Tate and May, 1900, Trans. Roy. Soc. South Aust., 24, p. 91. Tasmania. Hedley, 1918, Proc. Roy. Soc. N.S.W., 51, Suppl., p. M.75. (Doubtful record, based on inadequate material) (H.785).

1346. *pumilio* Tate and May, 1901, Proc. Linn. Soc. N.S.W., 26, p. 363, pl. 26, fig. 79. Long Bay, Tasmania. Hedley, 1903, Mem. Aust. Mus., 4, p. 368. Off Port Kembla, N.S.W., 63-75 fm. (Doubtful record, based on inadequate material) (H.793).

*Family* CANCELLARIIDAE

[Ref.:—Laseron, 1955, Rec. Aust. Mus., 23, pp. 267-272, figs. 1-13a.]

SYDAPHERA Iredale, 1929, Aust. Zool., 5, p. 341. O.T. *renovata* Iredale.

1347. *renovata* Iredale, 1929, Aust. Zool., 5, p. 341, pl. 38, fig. 3. Sydney Harbour, N.S.W. Laseron, 1955, loc. cit., p. 267, fig. 1, 1 a, 2. Iredale, 1931, Rec. Aust. Mus., 18, pl. 23, fig. 7 (H.802).

1348. *obnixa* Iredale, 1936, Rec. Aust. Mus., 19, p. 318, pl. 23, fig. 6. Richmond River, north N.S.W. Laseron, 1955, loc. cit., p. 269, figs. 3, 3 a (not fig. 4, *undulata*) (H.802).

1349. *deliciosa* Laseron, 1955, Rec. Aust. Mus., 23, p. 269, figs. 5, 5 a. Woolgoolga, N.S.W.

1350. *anxifer* Iredale, 1925, Rec. Aust. Mus., 14, p. 264, pl. 43, fig. 24. Off Eden, N.S.W., 25-30 fm. Laseron, 1955, loc. cit., p. 269, figs. 6, 6 a.

1351. *scobina* Hedley and Petterd, 1906, Rec. Aust. Mus., 6, p. 222, pl. 38, fig. 12. Off Sydney, N.S.W., 300 fm. Laseron, 1955, loc. cit., p. 270, fig. 7 (H.805).

TRIGONAPHERA Iredale, 1936, Rec. Aust. Mus., 19, p. 319. O.T. *vinnula* Iredale.

1352. *vinnula* Iredale, 1925, Rec. Aust. Mus., 14, p. 263, pl. 43, fig. 18. Off Twofold Bay, N.S.W., 25 fm. Laseron, 1955, loc. cit., p. 270, fig. 8, 8 a (H.803).

1353. *interlaevis* Laseron, 1955, Rec. Aust. Mus., 23, p. 270, figs. 9, 9 a. Port Stephens, N.S.W. (H.801).

ARIZELOSTOMA Iredale, 1936, Rec. Aust. Mus., 19, p. 318. O.T. *laseroni* Iredale.

1354. *laseroni* Iredale, 1936, Rec. Aust. Mus., 19, p. 318, pl. 24, fig. 9. Shellharbour, N.S.W. Laseron, 1955, loc. cit., p. 271, fig. 10.

MICROSVELTIA Iredale, 1925, Rec. Aust. Mus., 14, p. 265. O.T. *recessa* Iredale.

1355. *recessa* Iredale, 1925, Rec. Aust. Mus., 14, p. 265, pl. 43, fig. 16. Off Bateman's Bay, N.S.W., 75 fm. Laseron, 1955, loc. cit., p. 271, fig. 11.

PEPTA Iredale, 1925, Rec. Aust. Mus., 14, p. 266. H.T. *stricta* Hedley.

1356. *stricta* Hedley, 1907, Rec. Aust. Mus., 6, p. 295, pl. 54, fig. 10. Off Narrabeen, N.S.W., 80 fm. Laseron, 1955, loc. cit., p. 272, fig. 12 (H.806).

PALLIDONIA Laseron, 1955, Rec. Aust. Mus., 23, p. 272. O.T. *simplex* Laseron.

1357. *simplex* Laseron, 1955, Rec. Aust. Mus., 23, p. 272, figs. 13, 13 a. Off Point Halliday, N.S.W., 8-10 fm. (Note: This is of uncertain classification.)

*Family* VASIDAE

TUDICULA H. and A. Adams, 1864, Proc. Zool. Soc. Lond., 1863, p. 429. L.T. (Wenz, 1943, Handbuch d. Palaeozool. (Schindewolf), 6, p. 1303) *armigera* A. Adams.

1358. *rasilistoma* Abbott, 1959, Indo-Pacific Mollusca, 1, p. 29, pl. 4, fig. 2, pl. 10, figs. A-C. Off Tweed Heads, N.S.W., 30 fm. Macpherson, 1959, Mem. Nat. Mus. Melb., 24, p. 55, pl. figs. 6, 6 a, 6 b, 6 c.

*Family* NASSARIIDAE

NASSARIUS Dumeril, 1806, Zool. Analyt., p. 167. Id. ib. (ed. Froriep), 1806, p. 167. New name for *Nassa* Lamarck, 1799 (not *Nassa* Bolten-Roding 1798). H.T. *mutabilis* Linne.

1359. *particeps* Hedley, 1915, Proc. Linn. Soc. N.S.W., 39, p. 738. Port Jackson, N.S.W. Id. 1917, ib., 41, p. 712, pl. 49, fig. 20 (H.925).

1360. *spiratus* A. Adams, 1853, Proc. Zool. Soc. Lond., 1851, p. 106. Swan River, Western Australia. Reeve, 1853, Conch. Icon., 8, *Nassa,* pl. 2, fig. 13 (H.930).

TARAZEUXIS Iredale, 1936, Rec. Aust. Mus., 19, p. 322. O.T. *mucronatus* A. Adams.

1361. *mucronatus* A. Adams, 1853, Proc. Zool. Soc. Lond., 1851, p. 105. I. Negros, Philippine Islands. Reeve, 1853, Conch. Icon., 8, *Nassa,* pl. 2, fig. 8. Iredale, 1936, Rec. Aust. Mus., 19, p. 322. Long Reef, near Sydney, N.S.W.

PARCANASSA Iredale, 1936, Rec. Aust. Mus., 19, p. 322. O.T. *ellana* Iredale.

1362. *ellana* Iredale, 1936, Rec. Aust. Mus., 19, p. 322. Sydney Harbour, N.S.W. Not figured. Cf. Philippi, 1849, Abbild Beschr. Conch., 3, p. 69, *Buccinum,* p. 17, pl. 2, fig. 14 (*burchardi,* from S.A.) (H.919).

1363. *mangeliodes* Reeve, 1853, Conch. Icon., 8, *Nassa,* pl. 23, fig. 152. Moreton Bay, Queensland.

1364. *jonasii* Dunker, 1846, Zeit. Malak. (Menke), 3, p. 171. New South Wales. Philippi, 1849, Abbild. Beschr. Conch., 3, p. 66, *Buccinum,* p. 14, pl. 2, fig. 10 (H.923).

RETICUNASSA Iredale, 1936, Rec. Aust. Mus., 19, p. 322. O.T. *paupera* Gould.

1365. *tringa* Souverbie and Montrouzier, 1864, J. de Conch., 12, pl. 10, fig. 7. New Caledonia (H.926).

1366. *dipsacoides* Hedley, 1907, Rec. Aust. Mus., 6, p. 359, pl. 67, fig. 21. Off Sydney, N.S.W., 800 fm. (H.921).

1367. *mobilis plankta* Iredale, 1936, Rec. Aust. Mus., 19, p. 322. Off Newcastle Heads, N.S.W., 40 fm. Not figured. Cf. Hedley and May, 1908, Rec. Aust. Mus., 7, p. 121, pl. 23, fig. 16 (*mobilis,* from South Tasmania).

NIOTHA H. and A. Adams, 1853, Gen. Rec. Moll., 1, p. 117. L.T. (Wenz, 1943, Handbuch d. Palaeozool., (Schindewolf), 6, p. 1238) *cumingi* A. Adams.

1368. *bicolor* Hombron and Jacquinot, 1853, Voy. Pole Sud, Atlas, Moll., pl. 21, figs. 41-42. Vavao, Fiji Is. Laseron, 1937, Proc. Roy. Zool. Soc. N.S.W., 1936-7, p. 17 (*albescens,* not of Dunker, 1849, West Indies).

1369. *comtessei* Iredale, 1929, Aust. Zool., 5, p. 347, pl. 38, fig. 13. Sydney Harbour, N.S.W. (H.922).

1370. *hawleyi* Iredale, 1936, Rec. Aust. Mus., 19, p. 322, pl. 24, fig. 11. Sydney Harbour, N.S.W.

TAVANIOTHA Iredale, 1936, Rec. Aust. Mus., 19, p. 321. O.T. *optata* Gould.

1371. *peritrema* Tenison-Woods, 1880, Proc. Linn. Soc. N.S.W., 4, p. 21, pl. 4, fig. 5. Port Jackson, N.S.W. (H.928).

1372. *nigella* Reeve, 1854, Conch. Icon., 8, *Buccinum,* pl. 26, fig. 173. Port Jackson, N.S.W. (H.929A).

1373. *nigella tasmanica* Tenison-Woods, 1876, Proc. Roy. Soc. Tasm., 1875, p. 150. North Tasmania. Hedley, 1915, Proc. Linn. Soc. N.S.W., 39, p. 737, pl. 84, fig. 91.

1374. *optata* Gould, 1860, Proc. Boston. Soc. Nat. Hist., 7, p. 331. Port Jackson, N.S.W. Hedley, 1915, Proc. Linn. Soc. N.S.W., 39, p. 736, pl. 83, fig. 78 (type figured) (H.929).

1375. *optata munieriana* Crosse and Fischer, 1864, J. de Conch., 12, p. 345, pl. 13, fig. 6. South Australia. Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, p. 270. Twofold Bay, N.S.W.

1376. *pauperata* Lamarck, 1822, Hist. Anim. s. Vert., 7, p. 278. Grand Ocean (= South Australia (Cotton)). Kiener, 1834, Coq. Vivants, *Buccinum,* p. 90, pl. 29, fig. 118. May, 1923, Illus. Index Tasm. Shells, pl. 38, fig. 15. Tasmania (H.927).

AUSTRONASSARIA C.F. and J. Laseron, 1956, Proc. Roy. Zool. Soc. N.S.W., 1954-5, p. 71. O.T. *simplex* C.F. and J. Laseron.

1377. *simplex* C.F. and J. Laseron, 1956, ibid.,

p. 71, text figs. 1, 2. Port Jackson, N.S.W., 6-9 fm.

*Family* ARCHITECTONICIDAE

ARCHITECTONICA Bolten-Roding 1798, Mus. Bolten., 2, p. 78. L.T. (Gray, 1847, Proc. Zool. Soc. Lond., 1847, p. 151) *perspectiva* L. (misspelt *Architectoma*).

1378. *perspectiva fressa* Iredale, 1936, Rec. Aust. Mus., 19, p. 325, pl. 23, fig. 20. Sydney Harbour, N.S.W. (H.1081).

1379. *grandiosa* Iredale, 1931, Rec. Aust. Mus., 18, p. 228, pl. 25, figs. 19-20. Sydney Harbour, N.S.W. (H.1080).

1380. *offlexa* Iredale, 1931, Rec. Aust. Mus., 18, p. 229, pl. 25, figs. 15-16. Sydney Harbour, N.S.W. (H.1078).

1381. *relata* Iredale, 1936, Rec. Aust. Mus., 19, p. 326, pl. 23, fig. 19. Off Bateman's Bay, N.S.W., 75-85 fm.

PHILIPPIA Gray, 1847, Proc. Zool. Soc. Lond., 1847, p. 146. O.T. *lutea* Lamarck.

1382. *stipator* Iredale, 1931, Rec. Aust. Mus., 18, p. 229, pl. 25, figs. 17-18. Sydney Harbour, N.S.W.

1383. *lutea* Lamarck, 1822, Hist. Anim. s. Vert., 7, p. 5. Sydney, N.S.W. Kiener, 1839, Coq. Vivants, *Solarium*, p. 9, pl. 4, fig. 9 (H.1079).

1384. *manifesta* Iredale, 1931, Rec. Aust. Mus., p. 18, pl. 25, figs. 9-10. Sydney Harbour, N.S.W.

SOLATISONAX Iredale, 1931, Rec. Aust. Mus., 18, p. 229. O.T. *injussa* Iredale.

1385. *injussa* Iredale, 1931, Rec. Aust. Mus., 18, p. 229, pl. 25, figs. 7-8. Off Gabo Is., Victoria, 100 fm.

*Family* TORINIIDAE

TORINISTA Iredale, 1936, Rec. Aust. Mus., 19, p. 327. O.T. *popula* Iredale.

1386. *popula* Iredale, 1936, Rec. Aust. Mus., 19, p. 327, pl. 24, fig. 15. Sydney Harbour, N.S.W. Angas, 1871, Proc. Zool. Soc. Lond., 1871, p. 92 (*stramineus*, not of Gmelin 1791) (H.1085).

1387. *laseronorum* Iredale, 1936, Rec. Aust. Mus., 19, p. 327. Port Jackson, N.S.W. Not figured. Cf. *foveolata* Tate, 1893, Trans. Roy. Soc. South Aust., 17, p. 191, pl. 1, fig. 13, South Australia (H.1084).

1388. ? *dorsuosa* Hinds, 1844, Proc. Zool. Soc. Lond., 1844, p. 23. Mindoro, Philippine Is. Hanley, 1857, Thes. Conch. (Sowerby), 3, p. 238, pl. 254, figs. 73-74. Thornley, 1951, Proc. Roy. Zool. Soc. N.S.W., 1949-50, p. 52, fig. 9. Forster, N.S.W.

1389. *crenellus* Linne, 1767, Syst. Nat., 12 ed., p. 1236. No loc. (= *chemnitzi* Kiener, 1834, Coq. Vivants, *Solarium*, p. 12, pl. 4, fig. 8. Indian Ocean) (= *infundibuliformis* Gmelin, 1791, Syst. Nat., pt. 6, p. 3575. Angas, 1877, Proc. Zool. Soc. Lond., 1877, p. 184. Newcastle, N.S.W.) (H.1083).

CLARAXIS Iredale, 1936, Rec. Aust. Mus., 19, p. 327. O.T. *illustris* Iredale.

1390. *illustris* Iredale, 1936, Rec. Aust. Mus., 19, p. 327, pl. 24, fig. 16. Off Crowdy Head, Manning River, N.S.W., 45 fm.

*Family* MANGONUIDAE

MANGONUIA Mestayer, 1930, Trans. New Zeal. Inst., 61, p. 144. O.T. *bollonsi* Mestayer.

1391. *meridionalis* Hedley, 1903, Mem. Aust. Mus., 4, p. 351, fig. 4 in text. Port Stephens, N.S.W., dredged (H.1086).

*Family* FASCIOLARIIDAE

PLEIA Finlay, 1930, Trans. New Zeal. Inst., 61, p. 60. O.T. *decipiens* Tate.

1392. *coronata* Lamarck, 1822, Hist. Anim. s. Vert., 7, p. 120. Bass Strait. Kiener, 1840, Coq. Vivants, *Fasciolaria*, pl. 9, fig. 1 (H.886).

1393. *bakeri* Gatliff and Gabriel, 1912, Vict. Nat., 29, p. 47, pl. 13, figs. 3, 4 (error, = 1, 2). Victoria (H.886A).

FRACTOLATIRUS Iredale, 1936, Rec. Aust. Mus., 19, p. 317. O.T. *normalis* Iredale.

1394. *normalis* Iredale, 1936, Rec. Aust. Mus., 19, p. 317, pl. 24, fig. 19. Sydney Harbour, N.S.W. (H.887).

LATIRUS Montfort, 1810, Conch. Syst., 2, pp. 530, 531. O.T. *gibbulus* Gmelin.

1395. *turritus* Gmelin, 1791, Syst. Nat., pt. 6, p. 3456. No loc. Martini, 1781, Conch. Cab., 4, pl. 141, figs. 1317-1318.

PERISTERNIA Morch, 1852, Cat. Conch. Yoldi, p. 99. L.T. (Martens, 1868, Zool. Rec. for 1867, p. 530) *nassatula* Lamarck.

1396. *mariei* Crosse, 1869, J. de Conch., 17, p. 177: ibid, p. 279, pl. 8, fig. 2, New Caledonia.

CLIVIPOLLIA Iredale, 1929, Aust. Zool., 5, p. 347. O.T. *imperita* Iredale.

1397. *imperita* Iredale, 1929, Aust. Zool., 5, p. 347, pl. 38, fig. 10. Sydney Harbour, N.S.W.

NODOPELAGIA Hedley, 1915, Proc. Linn. Soc. N.S.W., 39, p. 731. O.T. *brazieri* Angas.

1398. *brazieri* Angas, 1877, Proc. Zool. Soc. Lond., 1877, p. 171, pl. 26, fig. 4. Northern N.S.W. (H.908).

*Family* FUSINIDAE

FUSINUS Rafinesque, 1815, Analyse Natur., p. 145. New name for *Fusus* Lamarck, 1799 (not *Fusus* Hebling, 1779). H.T. *colus* Linne.

1399. *novaehollandiae* Reeve, 1848, Conch. Icon., 4, *Fusus*, pl. 18, fig. 70. Bass Strait (H.889).

1400. *novaehollandiae grandiculus* Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, p. 267, pl. 34, fig. 9. Off Green Cape, N.S.W., 50 fm.

1401. *sinovellus* Iredale, 1929, Aust. Zool., 5, p. 342, pl. 38, fig. 15. Sydney Harbour, N.S.W.

1402. *genticus* Iredale, 1936, Rec. Aust. Mus., 19, p. 316, pl. 23, fig. 5. Sydney Harbour, N.S.W.

1403. *consetti* Iredale, 1929, Aust. Zool., 5, p. 342, pl. 38, fig. 19. Bulli, New South Wales.

PROPEFUSUS Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, p. 268. H.T. *pyrulatus* Reeve.

1404. *pyrulatus* Reeve, 1847, Conch. Icon., 4, *Fusus*, pl. 3, figs. 50, 50 a. Tasmania. Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, p. 268. Twofold Bay, N.S.W.

1405. *compositis* Maybloom, 1951, Aust. Zool., 11, p. 283, pl. 26, fig. 4. Southern N.S.W., 75 fm.

SAGINAFUSUS Iredale, 1931, Rec. Aust. Mus., 18, p. 227. O.T. *pricei* Smith.

1406. *pricei perficus* Iredale, 1931, Rec. Aust. Mus., 18, p. 227, pl. 23, fig. 1. Sydney Harbour, N.S.W.

*Family* AUSTROSIPHONIDAE

LARGISIPHO Iredale, 1929, Rec. Aust. Mus., 17, p. 182. O.T. *spectandus* Iredale.

1407. *spectandus* Iredale, 1929, Rec. Aust. Mus., 17, p. 182, pl. 41, fig. 6. Off Montagu I., N.S.W., 50-60 fm.

1408. *maximus* Tryon, 1881, Man. Conch., 3, p. 135, pl. 54, fig. 355. New South Wales. Hedley, 1903, Mem. Aust. Mus., 4, p. 374, pl. 38 (H.888).

BERYLSMA Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, p. 267. O.T. *waitei* Hedley.

1409. *waitei* Hedley, 1903, Mem. Aust. Mus., 4, p. 373, pl. 37. Off Botany Bay, N.S.W., 78-80 fm. (H.891).

1410. *grandis* Gray, 1839, Zool. Beechey's Voyage, p. 116. Bass Strait. Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, p. 267, pl. 35, fig. 10 (type) (= *tasmaniensis* A. Adams and Angas, 1864, Proc. Zool. Soc. Lond., 1863, p. 424, pl. 37, fig. 1. Tasmania).

1411. *levifida* Iredale, 1925, Rec. Aust. Mus., 14, p. 261. Off Twofold Bay, N.S.W., 30 fm. Not figured. Cf. *grandis* Gray, 1839.

*Family* PHOTIDAE

PHOS Montfort, 1810, Conch. Syst., 2, pp. 194-195. O.T. *senticosus* Linne.

1412. *senticosus* Linne, 1758, Syst. Nat., 10 ed., p. 751. No loc. Kiener, 1834, Coq. Vivants, *Buccinum*, p. 26, pl. 9, fig. 31. Moluccas.

1413. *sculptilis* Watson, 1886, Rep. Sci. Res. Challenger, Zool., 15, p. 221, pl. 11, fig. 1. Albany Passage, north Queensland, 3-12 fm.

FAX Iredale, 1925, Rec. Aust. Mus., 14, p. 262. H.T. *tabida* Hedley.

1414. *tabida* Hedley, 1904, Proc. Linn. Soc. N.S.W., 29, p. 191, pl. 8, fig. 18. Off Wollongong, N.S.W., 100 fm. (H.911).

SCAEOFAX Iredale, 1931, Rec. Aust. Mus., 18, p. 231. O.T. *molleri* Iredale.

1415. *molleri* Iredale, 1931, Rec. Aust. Mus., 18, p. 231, pl. 23, fig. 8. Cape Everard Bank, Victoria.

NIVITRITON Iredale, 1929, Mem. Queensland Mus., 9, p. 288. O.T. *antiquatus* Hinds.

1416. *antiquatus* Hinds, 1844, Proc. Zool. Soc. Lond., 1844, p. 21. New Ireland (= *coxi* Brazier, 1872, Proc. Zool. Soc. Lond., 1872, p. 22, pl. 4, fig. 9. Port Jackson, N.S.W.) (H.905).

PRODOTIA Dall, 1924, Proc. Biol. Soc. Wash., pp. 37, 89. O.T. *billeheusti* Souverbie (= Petit).

1417. *billeheusti* Petit, 1853, J. de Conch., 4, p. 244, pl. 8, fig. 5. Paumotu Group, E. Pacific Ocean.

JEANNEA Iredale, 1912, Proc. Malacol, Soc., 10, p. 220. O.T. *hedleyi* Iredale.

1418. *delicatula* Sowerby, 1907, J. Malac., 8, p. 101, pl. 9, fig. 2. Bird Island, off S. Queensland (H.909).

*Family* COLUBRARIIDAE

RATIFUSUS Iredale, 1929, Rec. Aust. Mus., 17, p. 183. O.T. *adjunctus* Iredale.

1419. *adjunctus* Iredale, 1929, Rec. Aust. Mus., 17, p. 183, pl. 40, fig. 5. Off Montagu I., N.S.W., 50-60 fm.

1420. *brazieri* Angas, 1869, Proc. Zool. Soc. Lond., 1869, p. 46, pl. 2, fig. 3. Lake Macquarie, N.S.W. (H.912).

1421. *schoutanicus* May, 1910, Proc. Roy. Soc. Tasm., 1910, p. 389, pl. 14, fig. 14. Tasmania (H.913).

1422. *conterminus* Iredale, 1925, Rec. Aust. Mus., 14, p. 260. Off Gabo I., Victoria. 200-250 fm. Not figured. Cf. *schoutanicus* May, 1910.

1423. *bednalli volaticus* Iredale, 1925, Rec. Aust. Mus., 14, p. 260. N.S.W. Not figured. Cf. *bednalli* Brazier, 1875, Proc. Zool. Soc. Lond., 1875, p. 6; Tryon, 1881, Man. Conch., 3, pl. 85, fig. 576.

MACULOTRITON Dall, 1904, Smithson. Miscell. Coll., 47, p. 136. O.T. *bracteatus* Hinds.

1424. *australis* Pease, 1872, Amer. J. Conch., 7, p. 21. Port Jackson, N.S.W. Hedley, 1917, Proc. Linn. Soc. N.S.W., 41, p. 711, pl. 50, figs. 28-30 (H.914).

1425. *waterhouseae* Brazier, 1896, Proc. Linn. Soc. N.S.W., 21, p. 345. Botany Bay, N.S.W. Hedley, 1899, Proc. Linn. Soc. N.S.W., 24, p. 434, fig. 7 (H.915).

1426. *gracilis* Sowerby, 1859, Thes. Conch., 3, p. 91, pl. 222, fig. 33. Sydney, N.S.W. Hedley, 1915, Proc. Linn. Soc. N.S.W., 39, p. 733, pl. 84, fig. 79 (H.916).

1427. *unicolor* Angas, 1867, Proc. Zool. Soc. Lond., 1867, p. 110, pl. 13, fig. 2. Port Jackson, N.S.W. (H.917).

Fascinus Hedley, 1903, Mem. Aust. Mus., 4, p. 375. O.T. *typicus* Hedley.

1428. *typicus* Hedley, 1903, Mem. Aust. Mus., 4, p. 376, fig. 91 in text. Off Port Kembla, N.S.W., 63-75 fm. (H.918).

Benthindsia Iredale, 1936, Rec. Aust. Mus., 19, p. 317. O.T. *problematica* Iredale.

1429. *problematica* Iredale, 1936, Rec. Aust. Mus., 19, p. 318, pl. 23, fig. 7. Off Sydney, N.S.W., 110 fm.

*Family* PYRENIDAE

Euplica Dall, 1889, Bull. Mus. Comp. Zool. Harv., 17, p. 187, O.T. *turturina* Deshayes.

1430. *versicolor atladona* Duclos, 1835, Hist. Nat. Coq. Univ., Colomb., pl. 1, figs. 11-12. No loc. Hedley, 1918, J. Roy. Soc. N.S.W., 51, p. M.90. Sydney, N.S.W. (H.946).

1431. *souverbiei* Crosse, 1865, J. de Conch., 13, p. 161, pl. 5, fig. 9. New Caledonia.

1432. *amirantium* Smith, 1884, Zool. Coll. Alert, p. 494, pl. 44, fig. K. Amirantes I., West Indian Ocean, 12 fm.

1433. *deshayesii* Crosse, 1859, J. de Conch., 7, p. 382, pl. 14, fig. 4. Oceanie.

1434. *tylerae* Griffith and Pidgeon, 1834, Anim. Kingd. (Cuvier), 12, p. 596, pl. 37, fig. 1. No loc. Angas, 1877, Proc. Zool. Soc. Lond., 1877, p. 181. Port Jackson, N.S.W. (H.945).

Pyrene Bolten-Roding, 1798, Mus. Bolten., 2, p. 134. H.T. *rhombiferum* Bolten-Roding.

1435. *opulens* Woolacott, 1957, Proc. Roy. Zool. Soc. N.S.W., 1955-6, p. 113, fig. 10. Angourie, N.S.W. Hedley, 1913, Proc. Linn. Soc. N.S.W., 38, p. 319 (*filmerae*, not of Sowerby, 1900). (H.936.)

1436. *zelina* Duclos, 1835, Hist. Nat. Coq. Univ., Colomb., pl. 4, figs. 5-6. No loc. Reeve, 1859, Conch. Icon., 11, *Columbella*, pl. 24, fig. 152.

Dentimitrella Ludbrook, 1958, Trans. Roy. Soc. South Aust., 81, p. 61. O.T. *lincolnensis* Reeve.

1437. *lincolnensis* Reeve, 1859, Conch. Icon., 11, *Columbella*, pl. 29, fig. 184. Port Lincoln, South Australia (H.939).

1438. *pulla* Gaskoin, 1852, Proc. Zool. Soc. Lond., 1851, p. 6. No loc. = Port Jackson, N.S.W. Reeve, 1858, Conch. Icon., 11, *Columbella*, pl. 19, fig. 106 (H.942).

1439. *tayloriana* Reeve, 1859, Conch. Icon., 11, *Columbella*, pl. 35, fig. 225. North-west Australia (error = New South Wales), (= *albomaculata* Angas, 1867, Proc. Zool. Soc. Lond., 1867, p. 111, pl. 13, fig. 5. Port Jackson, N.S.W. Hedley, 1913, Proc. Linn. Soc. N.S.W., 38, p. 320) (H.944).

1440. *semiconvexa* Lamarck, 1822, Hist. Anim. s. Vert., 7, p. 272. No loc. Kiener, 1834, Coq. Vivants, *Buccinum*, p. 49, pl. 17, fig. 60 (H.943).

1441. *australis* Gaskoin, 1852, Proc. Zool. Soc. Lond., 1851, p. 5. Sydney, N.S.W. Reeve, 1858, Conch. Icon., 11, *Columbella*, pl. 15, fig. 78 (H.933).

1442. *peroniana* Hedley, 1913, Proc. Linn. Soc. N.S.W., 38, p. 318. New name for *Columbella bicincta* Angas, 1871, Proc. Zool. Soc. Lond., 1871, p. 14, pl. 1, fig. 3. Port Jackson, N.S.W. (not *C. bicincta* Gould, 1860) (H.940).

1443. *intexta* Gaskoin, 1852, Proc. Zool. Soc. Lond., 1851, p. 7. Australia. Reeve, 1859, Conch. Icon., 11, *Columbella*, pl. 17, fig. 88 (H.937).

1444. *leucostoma* Gaskoin, 1852, Proc. Zool. Soc. Lond., 1851, p. 4. No loc. Reeve, 1859, Conch. Icon., 11, *Columbella*, pl. 34, fig. 220 (H.938).

Lavesopus Iredale, 1929, Mem. Queensland Mus., 9, p. 289. O.T. *cumingii* var. *queenslandica* Hedley.

1445. *queenslandicus* Hedley, 1913, Proc. Linn. Soc. N.S.W., 38, p. 324. Caloundra, S. Queensland. Not figured. Cf. *cumingi* Reeve, 1859, Conch. Icon., 11, *Columbella*, pl. 25, fig. 156. Philippine Is.

1446. *plurisulcatus* Reeve, 1859, Conch. Icon., 11, *Columbella*, pl. 36, fig. 233. Port Jackson, N.S.W. (H.949).

1447. *cassandra* Hedley, 1904, Proc. Linn. Soc. N.S.W., 29, p. 187, pl. 8, fig. 17. Port Jackson, N.S.W. (H.948A).

1448. *pallidulus* Hedley, 1906, Proc. Linn. Soc. N.S.W., 30, p. 534, pl. 32, fig. 26. Manly, New South Wales (H.948B).

1449. *australis* Angas, 1877, Proc. Zool. Soc. Lond., 1877, p. 172, pl. 26, fig. 5. Port Jackson, N.S.W. (H.948).

Pseudamycla Pace, 1902, Proc. Malacol. Soc., 5, p. 255. O.T. *dermestoidea* Lamarck.

1450. *dermestoidea* Lamarck, 1822, Hist. Anim. s. Vert., 7, p. 275. No loc. Kiener, 1834, Coq. Vivants, *Buccinum*, p. 52, pl. 25, fig. 100. Angas, 1865, Proc. Zool. Soc. Lond., 1865, p. 167. Port Jackson, N.S.W. Pace, 1902, op. cit., p. 255, figs. 1-11 (H.947).

Graphicomassa Iredale, 1929, Mem. Queensland Mus., 9, p. 289. O.T. *ligula* Duclos.

1451. *ligula* Duclos, 1840, Illus. Conch. (Chenu), *Colombella*, pl. 11, fig. 16. No loc.

1452. *conspersa* Gaskoin, 1852, Proc. Zool. Soc. Lond., 1851, p. 11. No loc. Reeve, 1858, Conch. Icon., 11, *Columbella*, pl. 19, fig. 99.

METANACHIS Thiele, 1924, Arch. fur Moll., Jahr. 56, p. 207. O.T. *jaspidea* Sowerby (= *acleonta* Duclos).

1453. *acleonta* Duclos, 1840, Illus. Conch. (Chenu), *Colombella,* pl. 11, figs. 3, 4. No loc. (= *jaspidea* Sowerby, 1844, = *plicaria* Montrouzier, 1862). Cf. Hedley, 1913, Proc. Linn. Soc. N.S.W., 38, p. 321 (H.931).

PARATILIA Thiele, 1924, Arch. fur Moll., Jahr. 56, p. 204. H.T. *alizonae* Melvill and Standen.

1454. *alizonae* Melvill and Standen, 1901, Proc. Zool. Soc. Lond., 1901, p. 402, pl. 21, fig. 5. Persian Gulf. Hedley, 1913, Proc. Linn. Soc. N.S.W., 38, p. 321. Port Stephens, N.S.W. (H.932).

ZELLA Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, p. 271. H.T. *beddomei* Petterd.

1455. *beddomei* Petterd, 1884, J. of Conch., 4, p. 142. Brown's R., Tasmania (= *Columbella attenuata* Angas, 1871, Proc. Zool. Soc. Lond., 1871, p. 14, pl. 1, fig. 4. Sydney Harbour, N.S.W.) (not *C. attenuata* Beyrich, 1854) (H.935).

1456. *puella* Sowerby, 1844, Proc. Zool. Soc. Lond., 1844, p. 52. Philippine Islands. Reeve, 1858, Conch. Icon., 11, *Columbella,* pl. 13, fig. 65 (H.941).

PYRENEOLA Iredale, 1918, Proc. Malacol. Soc., 13, pp. 28, 31. H.T. *abyssicola* Brazier.

1457. *abyssicola* Brazier, 1877, Proc. Linn. Soc. N.S.W., 1, p. 232. Percy Isles No. 2, Queensland. Hedley, 1907, Proc. Linn. Soc. N.S.W., 27, p. 509, pl. 19, figs. 40-43.

ANTIZAFRA Finlay, 1927, Trans. New Zeal. Inst., 57, p. 431. O.T. *pisaniopsis* Hutton.

1458. *plexa* Hedley, 1902, Proc. Linn. Soc. N.S.W., 26, p. 702, fig. 25. Sydney Harbour, N.S.W. (H.955).

MACROZAFRA Finlay, 1927, Trans. New Zeal. Inst., 57, p. 431. O.T. *subabnormis* Suter.

1459. *atkinsoni* Tenison-Woods, 1875, Proc. Roy. Soc. Tasm., 1875, p. 141. East Tasmania. Hedley, 1915, Proc. Linn. Soc. N.S.W., 39, p. 744, pl. 83, fig. 72 (H.950).

1460. *speciosa* Angas, 1877, Proc. Zool. Soc. Lond., 1877, p. 35, pl. 5, fig. 3. Port Jackson, N.S.W. (H.950A).

1461. *lurida* Hedley, 1907, Proc. Linn. Soc. N.S.W., 32, p. 510, pl. 17, fig. 19. Sydney Harbour, N.S.W. Id., 1915, ib. 39, p. 745, pl. 83, fig. 73. (H.953).

ZAFRA A. Adams, 1860, Ann. Mag. Nat. Hist., (3), 6, p. 331. H.T. *mitriformis* A. Adams.

1462. *avicennia* Hedley, 1915, Proc. Linn. Soc. N.S.W., 39, p. 742, pl. 83, figs. 68-69. Port Jackson, N.S.W. (H.951).

1463. *smithi* Angas, 1877, Proc. Zool. Soc. Lond., 1877, p. 72, pl. 26, fig. 7. Port Jackson, N.S.W. Hedley, 1915, loc. cit., p. 742, pl. 83, fig. 75 (H.954).

1464. *fulgida* Reeve, 1859, Conch. Icon., 11, *Columbella,* pl. 28, fig. 178. Port Lincoln, South Australia (= *angasi* Brazier, 1871, Proc. Zool. Soc. Lond., 1871, p. 322. Port Jackson, N.S.W. New name for *Columbella interrupta* Angas, 1865, Proc. Zool. Soc. Lond., 1865, p. 56, pl. 5, figs. 9-10. South Australia (not *C. interrupta* Gaskoin, 1852)) (H.952).

1465. *babylonica* Hedley, 1907, Rec. Aust. Mus., 6, p. 358, pl. 67, fig. 16. Off Sydney, N.S.W., 300 fm. (H.934).

*Family* MURICIDAE

PTEROCHELUS Jousseaume, 1879, Le Naturaliste, 1, (42), p. 335. O.T. *acanthopterus* Lamarck.

1466. *duffusi* Iredale, 1936, Rec. Aust. Mus., 19, p. 323, pl. 23, fig. 11. Broken Bay, N.S.W. (H.956).

1467. *damicornis* Hedley, 1903, Mem. Aust. Mus., 4, p. 378, fig. 92. Off Coogee, N.S.W., 40-50 fm. (H.959).

MINNIMUREX Woolacott, 1957, Proc. Roy. Zool. Soc. N.S.W., 1955-6, p. 115. O.T. *phantom* Woolacott.

1468. *phantom* Woolacott, 1957, Proc. Roy. Zool. Soc. N.S.W., 1955-6, p. 115, fig. 3. Off Gerringong, N.S.W.

1469. *brazieri* Angas, 1877, Proc Zool. Soc. Lond., 1877, p. 171, pl. 26, fig. 3. Off Port Jackson, N.S.W., 20 fm. (H.958).

HAUSTELLUM Schumacher, 1817, Essai nouv. Syst. Test., pp. 64, 213. T.T. *haustellum* Linne.

1470. *espinosus* Macpherson, 1959, Mem. Nat. Mus. Melb., 24, p. 51, pl. on p. 56, figs. 1, 1 a. Tweed Heads, N.S.W., 15-30 fm.

POROPTERON Jousseaume, 1879, Le Naturaliste, 1, (42), p. 335. O.T. *uncinarius* Lamarck.

1471. *angasi* Crosse, 1863, J. de Conch., 11, p. 86, pl. 1, fig. 2. Port Jackson, N.S.W. (H.957).

TORVAMUREX Iredale, 1936, Rec. Aust. Mus., 19, p. 323. O.T. *denudatus* Perry.

1472. *denudatus immunitus* Iredale, 1936, Rec. Aust. Mus., 19, p. 324, pl. 23, fig. 14. Off Sydney, N.S.W., 70 fm.

1473. *extraneus* Iredale, 1936, Rec. Aust. Mus., 19, p. 324, pl. 23, fig. 12. Sydney Harbour, N.S.W. (H.960).

1474. *patagiatus* Hedley, 1912, Rec. Aust. Mus., 8, p. 151, pl. 43, fig. 36. Port Jackson, N.S.W. (H.961).

*Family* TROPHONIDAE

ENIXOTROPHON Iredale, 1929, Rec. Aust. Mus., 17, p. 185. O.T. *carduelis* Watson.

1475. *carduelis* Watson, 1886, Rep. Sci. Res. Challenger, Zool., 15, p. 167, pl. 10, fig. 7. Off Sydney, N.S.W., 410 fm. (H.962).

BENTHOXYSTUS Iredale, 1929, Rec. Aust. Mus., 17, p. 185. O.T. *columnarius* Hedley and May.

1476. *columnarius* Hedley and May, 1908, Rec. Aust. Mus., 7, p. 121, pl. 24, fig. 22. Off Cape Pillar, Tasmania, 100 fm. (H.963).

1477. *petterdi* Crosse, 1870, J. de Conch., 18, p. 303. Id. ib., 1871, 19, p. 324, pl. 12, fig. 2. North Tasmania (H.967).

LITOZAMIA Iredale, 1929, Rec. Aust. Mus., 17, p. 185. O.T. *rudolphi* Brazier.

1478. *goldsteini* Tenison-Woods, 1876, Proc. Roy. Soc. Tasm., 1875, p. 136. South Tasmania. Verco, 1895, Trans. Roy. Soc. South Aust., 19, p. 97, pl. 1, figs. 4, 4 a, 5 (H.964).

1479. *rudolphi* Henn and Brazier, 1894, Proc. Linn. Soc. N.S.W., 19, p. 166, pl. 14, fig. 1. Port Jackson, N.S.W. (H.968).

GEMIXYSTUS Iredale, 1929, Rec. Aust. Mus., 17, p. 185. O.T. *laminatus* Petterd.

1480. *laminatus* Petterd, 1884, J. of Conch., 4, p. 136. Tasmania. Tate and May, 1901, Proc. Linn. Soc. N.S.W., 26, pp. 352, 453, pl. 22, fig. 3 (type figured) (H.965).

APIXYSTUS Iredale, 1929, Rec. Aust. Mus., 17, p. 185. O.T. *stimuleus* Hedley.

1481. *stimuleus* Hedley, 1907, Rec. Aust. Mus., 6, p. 293, pl. 55, fig. 19. Off Narrabeen, N.S.W., 80 fm. (H.970).

EMOZAMIA Iredale, 1929, Rec. Aust. Mus., 17, p. 185. O.T. *licina* Hedley and Petterd.

1482. *licina* Hedley and Petterd, 1906, Rec. Aust. Mus., 6, p. 219, pl. 37, fig. 6. Off Sydney, N.S.W., 250 fm. (H.966).

ENATIMENE Iredale, 1929, Rec. Aust. Mus., 17, p. 185. O.T. *simplex* Hedley.

1483. *simplex* Hedley, 1903, Mem. Aust. Mus., 4, p. 380, fig. 93. Off Port Kembla, N.S.W., 63-75 fm. (H.969).

XENOTROPHON Iredale, 1929, Rec. Aust. Mus., 17, p. 184. O.T. *euschema* Iredale.

1484. *euschema* Iredale, 1929, Rec. Aust. Mus., 17, p. 184, pl. 40, fig. 3. Off Montagu I., N.S.W., 50-60 fm.

FAMILY POSITION UNCERTAIN

GALFRIDUS Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, p. 271. H.T. *speciosus* Angas.

1485. *speciosus* Angas, 1871, Proc. Zool. Soc. Lond., 1871, p. 13, pl. 1, fig. 1. Port Jackson, N.S.W. (H.971).

ASPELLA Morch, 1877, Malak. Blatt., 24, p. 24. H.T. *anceps* Lamarck.

1486. *anceps* Lamarck, 1822, Hist. Anim. s. Vert., 7, p. 154. No loc. Kiener, 1842, Coq. Vivants, *Ranella*, p. 36, pl. 4, fig. 2. Angas, 1877, Proc. Zool. Soc. Lond., 1877, p. 180. Port Stephens, N.S.W. (H.972).

1487. *undata* Hedley, 1907, Rec. Aust. Mus., 6, p. 294, pl. 55, fig. 15. Off Narrabeen, N.S.W., 80 fm. (H.973).

*Family* TYPHIDAE

TYPHINA Jousseaume, 1880, Le Naturaliste, 1, (42), p. 335. O.T. *belcheri* Broderip.

1488. *philippensis interpres* Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, p. 272, pl. 34, fig. 10. Two-fold Bay, N.S.W.

CYPHONOCHELUS Jousseaume, 1882, Rev. Mag. Zool., 1879, p. 337. O.T. *arcuatus* Hinds. Valid emendation of *Siphonochelus* Jousseaume, 1880, Le Naturaliste, 1, (42), p. 335 (an invalid original spelling). O.T. *"avenatus* Hinds".

1489. *syringianus* Hedley, 1903, Mem. Aust. Mus., 4, p. 381, fig. 94. Off Cape Three Points, N.S.W., 41-50 fm. (H.976).

1490. *generosus* Iredale, 1936, Rec. Aust. Mus., 19, p. 325, pl. 24, fig. 13. Off Green Cape, N.S.W., 70-85 fm.

CHOREOTYPHIS Iredale, 1936, Rec. Aust. Mus., 19, p. 324. O.T. *pavlova* Iredale.

1491. *pavlova* Iredale, 1936, Rec. Aust. Mus., 19, p. 324, pl. 24, fig. 12. Off Sydney, N.S.W., 110 fm.

*Family* CORALLIOPHILIDAE

TOLEMA Iredale, 1929, Rec. Aust. Mus., 17, p. 186. O.T. *"sertata* Hedley". = *australis* Laseron.

1492. *australis* Laseron, 1955, Proc. Roy. Zool. Soc. N.S.W., 1953-4, p. 72, figs. 1, 2. Off Sydney, N.S.W., 110 fm. Iredale, 1929, Rec. Aust. Mus., 17, p. 186, pl. 41, figs. 3, 8 *(sertata,* not of Hedley, 1903).

LINIAXIS Laseron, 1955, Proc. Roy. Zool. Soc. N.S.W., 1953-4, p. 72. O.T. *elongata* Laseron.

1493. *elongata* Laseron, 1955, Proc. Roy. Zool. Soc. N.S.W., 1953-4, p. 73, figs. 3-6. Off Crookhaven, N.S.W., 30-35 fm.

1494. *sertata* Hedley, 1903, Mem. Aust. Mus., 4, p. 382, figs. 95-96. Off Port Kembla, N.S.W., 63-75 fm. Laseron, 1955, loc. cit., p. 73, figs. 7-8 (H.987).

1495. *nodosa* A. Adams 1854, Proc. Zool. Soc. Lond., 1853, p. 98. "Philippine Is." (error, = Port Jackson, N.S.W.). Hedley, 1913, Proc. Linn. Soc. N.S.W., 38, p. 331, pl. 19, fig. 80. Laseron, 1955, loc. cit., p. 73, figs. 9, 10 (H.986).

RHOMBOTHAIS Woolacott, 1954, Proc. Roy. Zool. Soc., N.S.W., 1952-3, p. 37. O.T. *arbutum* Woolacott.

1496. *arbutum* Woolacott, 1954, Proc. Roy. Zool. Soc. N.S.W., 1952-3, p. 38, pl. 3, figs. 1-2. Clarence River Heads, N.S.W. Laseron, 1955, loc. cit., p. 72, figs. 11-12.

LATAXIENA Jousseaume, 1883, Bull. Soc. Zool. France, 8, p. 183. T.T. *lataxiena* Jousseaume.

1497. *lataxiena* Jousseaume, 1883, Bull. Soc. Zool. France, 8, p. 183, pl. 10, fig. 1. Japan (= *imbricata* Smith, 1876, J. Linn. Soc. Lond. Zool., 12, p. 540, pl. 30, fig. 3. New Caledonia (not *L. imbricata* Smith, 1841)). Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, p. 271. Allan, 1950, Aust. Shells, p. 148, text fig. 33, fig. 4 (H.974).

*Family* COMINELLIDAE

RADULPHUS Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, p. 270. O.T. *royanus* Iredale.

1498. *royanus* Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, p. 270, pl. 34, fig. 8. Twofold Bay, N.S.W., 15-25 fm.

1499. *lacteus* A. Adams and Angas, 1864, Proc. Zool. Soc. Lond., 1863, p. 422. Port Stephens, N.S.W. Hedley, 1901, Proc. Linn. Soc. N.S.W., 26, p. 19, pl. 2, fig. 10 (H.910).

COMINULA Finlay, 1926, Trans. New Zeal. Inst., 56, p. 239. O.T. *quoyana* A. Adams.

1500. *alveolata* Kiener, 1834, Coq. Vivants, *Buccinum,* p. 31, pl. 10, fig. 34. Western Port, Victoria (H.906).

1501. *eburnea* Reeve, 1846, Conch. Icon., 3, *Buccinum,* pl. 12, fig. 93. South West Australia. Swan, 1952, Proc. Roy. Zool. Soc. N.S.W., 1951-2, p. 45, fig. 13. Narooma, N.S.W.

1502. *filicea* Crosse and Fischer, 1864, J. de Conch., 12, p. 346. "South Australia" (error = Port Jackson, N.S.W.). Id., 1865, J. de Conch., 13, p. 49, pl. 3, figs. 15, 16 (H.907).

ERGALATAX Iredale, 1931, Rec. Aust. Mus., 18, p. 231. O.T. *recurrens* Iredale.

1503. *recurrens* Iredale, 1931, Rec. Aust. Mus., 18, p. 231, pl. 23, fig. 10. Sydney Harbour, N.S.W. (H.977).

BEDEVA Iredale, 1936, Rec. Aust. Mus., 19, p. 273. O.T. *hanleyi* Angas.

1504. *hanleyi* Angas, 1867, Proc. Zool. Soc. Lond., 1867, p. 110, pl. 13, fig. 1. Port Jackson, N.S.W. (H.978).

*Family* COLUMBARIIDAE

COLUMBARIUM Martens, 1881, Conch. Mittheil., 2, p. 105. H.T. *spinicinctum* Martens.

1505. *pagodoides* Watson, 1882, J. Linn. Soc. Lond., Zool., 16, p. 383. Off Sydney, N.S.W., 410 fm. Id., 1886, Rep. Sci. Res. Challenger, Zool., 15, p. 197, pl. 14, fig. 3 (H.825).

1506. *hedleyi* Iredale, 1936, Rec. Aust. Mus., 19, pp. 315-316, pl. 24, figs. 18, 18 a. Off Sydney, N.S.W., 250 fm. (= *trabeatum* Iredale, 1936, Rec. Aust. Mus., 19, pp. 315-316, pl. 23, fig. 17. Off Sydney, N.S.W., 110 fm).

*Family* THAISIDAE

DICATHAIS Iredale, 1936, Rec. Aust. Mus., 19, p. 325. O.T. *orbita* Gmelin.

1507. *orbita* Gmelin, 1791, Syst. Nat., pt. 6, p. 3490. Botany Bay, N.S.W. (= *succincta* Martyn, 1784, Univ. Conch., pl. 45 non-binomial). Allan, 1950, Aust. Shells, pl. 23, fig. 11 (H.980).

1508. *vector* Thornley, 1952, Proc. Roy. Zool. Soc. N.S.W., 1951-2, p. 43, fig. 1, p. 44. Port Stephens, N.S.W.

AGNEWIA Tenison-Woods, 1878, Proc. Roy. Soc. Tasm., 1877, p. 29. New name for *Adamsia* Dunker, 1860, Proc. Zool. Soc. Lond., 1860, p. 421 (not *Adamsia* Forbes, 1840). O.T. *typica* Dunker = *tritoniformis* Blainville 1832.

1509. *tritoniformis* Blainville, 1832, Nouv. Ann. Mus. Hist. Nat. Paris, (3), 1, p. 221, pl. 10, fig. 10. Port Jackson, N.S.W. (= *levidensis* Kesteven, 1902, Proc. Linn. Soc. N.S.W., 26, p. 53, pl. 29, figs. 2-7. Port Jackson, N.S.W. = *nautica* Thornley, 1952, Proc. Roy. Zool. Soc. N.S.W., 1951-2, p. 43, fig. 2, p. 44. Port Stephens, N.S.W.) (H.982).

CRONIA H. and A. Adams, 1853, Gen. Rec. Moll., 1, p. 128. H.T. *amygdala* Kiener.

1510. *pseudamygdala* Hedley, 1903, Proc. Linn. Soc. N.S.W., 27, p. 599, pl. 29, figs. 4, 5. Sydney Harbour, N.S.W. (H.981).

LEPSIELLA Iredale, 1912, Proc. Malacol. Soc., 10, p. 223. O.T. *scobina* Quoy and Gaimard.

1511. *botanica* Hedley, 1918, J. Roy. Soc. N.S.W., 51, Suppl., M. 93. New name for *Purpura neglecta* Angas, 1867, Proc. Zool. Soc. Lond., 1867, p. 110, pl. 13, fig. 3. Port Jackson, N.S.W. (not *P. neglecta* Michelotti, 1847) (H.983).

1512. *vinosa propinqua* Tenison-Woods, 1877, Proc. Roy. Soc. Tasm., 1876, p. 135. North-west coast Tasmania. Hedley, 1915, Proc. Linn. Soc. N.S.W., 39, p. 746, pl. 85, fig. 88 (H.984).

MANCINELLA Link, 1807, Besch. Samml. Univ. Rostock, 3, p. 115. T.T. *aculeata* Link (= *mancinella* Linne).

1513. *mancinella* Linne, 1758, Syst. Nat., 10 ed., p. 751. Rumph, 1741, Amboin. Rariteitk., pl. 24, fig. 5. No loc. (= Amboina). Woolacott, 1957, Proc. Roy. Zool. Soc. N.S.W., 1955-6, p. 113, fig. 7. Angourie, north N.S.W.

MENATHAIS Iredale, 1937, Aust. Zool., 8, p. 256. O.T. *pica* Blainville, 1832 (= *Galeodes tuberosa* Bolten-Roding).

1514. *tuberosa* Bolten-Roding, 1798, Mus. Bolten, 2, p. 53, for Martini, 1777, Conch. Cab., 3, pl. 100, fig. 956b.

1515. *ambustulata* Hedley, 1912, Rec. Aust. Mus., 8, p. 152, pl. 44, fig. 37. Caloundra, Q'ld. (H.979).

VEXILLA Swainson, 1840, Treat. Malac., p. 300. T.T. *vexillum* Gmelin (= *Provexillum* Hedley, 1918, J. Roy. Soc. N.S.W., 51, Suppl., M. 93, new name only).

1516. *vexillum* Gmelin, 1791, Syst. Nat., pt. 6, p. 520. East Indies. Chemnitz, 1788, Conch. Cab., 10, p. 222, pl. 157, figs. 1504-1505. Allan, 1950, Aust. Shells, p. 146, fig. 5 (H.985).

PINAXIA H. and A. Adams, 1853, Gen. Rec. Moll., 1, p. 132. H.T. *coronata* H. and A. Adams (= *versicolor* Gray).

1517. *versicolor* Gray, 1839, Zool. Beechey's Voy., p. 114. Pacific Ocean (= *coronata* H. and A. Adams, 1853, Gen. Rec. Moll., 1, p. 132, pl. 14, fig. 1).

NASSA Bolten-Roding, 1798, Mus. Bolten., 2, p. 132. L.T. (Dall, 1909, U.S. Geol. Surv. Prof. Pap., 59, p. 47) *picta* Bolten-Roding (= *sertum* Bruguiere) (= *Iopas* H. and A. Adams, 1853, Gen. Rec. Moll., 1, p. 128).

1518. *francolinus* Bruguiere, 1789, Ency. Meth. Vers., 1, p. 261. No loc. Kiener, 1835, Coq. Vivants, *Purpura,* pp. 133-134, pl. 41, fig. 96 (not figs. 96 a, 96 b) (*sertum,* not of Bruguiere, 1789).

1519. *sertum* Bruguiere, 1789, Ency. Meth. Vers., 1, p. 262. No loc. Kiener, 1835, Coq. Vivants, *Purpura,* pp. 133-134, pl. 41, fig. 96 a. Allan, 1950, Aust. Shells, p. 146, col. pl. 22, fig. 3.

DRUPA Bolten-Roding, 1798, Mus. Bolten., 2, p. 55. L.T. (Wenz, 1941, Handbuch d. Palaeozool., (Schindewolf), 6, p. 1112) *ricinus* Linne.

1520. *ricinus* Linne, 1758, Syst. Nat., 10 ed., p. 750. Rumph, 1741, Amboin. Rariteitk., pl. 24, fig. E. Amboina. Allan, 1950, Aust. Shells, p. 147, fig. 10.

MORULA Schumacher, 1817, Essai nouv. Syst. Test., pp. 68, 227. O.T. *papillosa* Schumacher (= *uva* Bolten-Roding).

1521. *uva* Bolten-Roding, 1798, Mus. Bolten, 2, p. 56. East Indies, for Martini, 1777, Conch. Cab., 3, pl. 101, fig. 970. Allan, 1950, Aust. Shells, p. 147, pl. 23, fig. 16.

1522. *anaxares* Kiener, 1835, Coq. Vivants, *Purpura,* p. 26, pl. 7, fig. 17. Loc. unknown. Thornley, 1954, Proc. Roy. Zool. Soc. N.S.W., 1952-3, p. 32, pl. 1, fig. 1. Angourie, north N.S.W.

1523. *marginalba* Blainville, 1832, Nouv. Ann. Mus. Hist. Nat. Paris, (3), 1, p. 209, pl. 10, fig. 6. South Seas (= Port Jackson, N.S.W.). Kiener, 1835, Coq. Vivants, *Purpura,* p. 24, pl. 5, fig. 11. Allan, 1950, Aust. Shells, p. 148, fig. 9 (H.989).

OPPOMORUS Iredale, 1937, Aust. Zool., 8, p. 258. H.T. *noduliferus* Menke.

1524. *noduliferus* Menke 1829, Conch. Samml. Malsb., p. 33. No loc. (= Tonga) (= *chaidea* Duclos, 1832, Ann. Sci. Nat. Paris, 26, p. 106, pl. 1, fig. 4) (H.988).

DRUPELLA Thiele, 1925, Wiss. d. Tiefsee Exp. "Valdivia,", 17, (2), p. 137 (171). O.T. *siderea* Reeve.

1525. *ochrostoma* Blainville, 1832, Nouv. Ann. Mus. Hist. Nat. Paris, (3), 1, p. 205. Tonga. Based on Quoy and Gaimard, 1833, Voy. Astrol., Zool., pl. 38, fig. 8 (vernacular only). Thornley, 1954, Proc. Roy. Zool. Soc. N.S.W., 1952-3, p. 32, pl. 1, fig. 4. Woody Head, north N.S.W.

SEMIRICINULA Martens, 1903, Wiss. d. Tiefsee. Exp. "Valdivia", 7, (1), pp. 95, 137. L.T. (Iredale, 1918, Proc. Mal. Soc., 13, p. 38) *muricina* Blainville.

1526. *margariticola* Broderip, 1833, Proc. Comm. Zool. Soc. Lond., 2, p. 177. Lord Hood I., Pacific Ocean. Allan, 1950, Aust. Shells, p. 148, fig. 1.

1527. *biconica* Blainville, 1832, Nouv. Ann. Mus. Hist. Nat. Paris, (3), 1, p. 203, pl. 9, fig. 1. No loc. Thornley, 1954, Proc. Roy. Zool. Soc. N.S.W., 1952-3, p. 32, pl. 1, fig. 2. Ballina, north N.S.W.

1528. *spinosa* H. and A. Adams, 1853, Gen. Rec. Moll., 1, p. 130. Philippine Islands. Based on Reeve, 1846, Conch. Icon., 3, *Ricinula,* pl. 2, fig. 12b (*chrysostoma,* not of Deshayes, 1844) (= *ambusta* Dall, 1924, Proc. Acad. Nat. Sci. Philad., 75, p. 304, new name for fig. 12b above).

*Suborder* TOXOGLOSSA

*Family* TEREBRIDAE

TEREBRA Lamarck, 1799, Mem. Soc. Hist. Nat. Paris, 1799, p. 71. H.T. *subulata* Linne.

1529. *fictilis* Hinds, 1844, Thes. Conch. (Sowerby), 1, p. 183, pl. 45, figs. 109-110. Port Jackson, N.S.W. Hedley, 1900, Proc. Linn. Soc. N.S.W., 25, p. 509, pl. 26, fig. 14 (H.809).

1530. *assimilis* Angas, 1867, Proc. Zool. Soc. Lond., 1867, p. 111, pl. 13, fig. 8. Port Jackson, N.S.W.

1531. *bicolor* Angas, 1867, Proc. Zool. Soc. Lond., 1867, p. 11, pl. 13, fig. 7. Port Jackson, N.S.W. (H.807).

ACUMINIA Dall, 1908, Nautilus, 21, pp. 124-125. O.T. *lanceata* Linne.

1532. *lauretanae* Tenison-Woods, 1878, Proc. Linn. Soc. N.S.W., 2, p. 262. Off Port Jackson, N.S.W., 45 fm. Cf. May, 1923, Illus. Index Tasm. Shells, pl. 34, fig. 12. Off Schouten Is., Tasmania, 40 fm. (H.810).

1533. *lauretanae tabifica* Iredale, 1925, Rec. Aust. Mus., 14, p. 268. Off Sydney, N.S.W., 300 fm. Hedley and Petterd, 1906, Rec. Aust. Mus., 6, p. 222, pl. 37, fig. 9.

1534. *marmorata* Deshayes, 1859, Proc. Zool. Soc. Lond., 1859, p. 279. Port Curtis, Queensland. Reeve, 1860, Conch. Icon., 12, *Terebra,* pl. 19, fig. 91 (H.811).

1535. *venila* Tenison-Woods, 1879, Proc. Linn. Soc. N.S.W., 4, p. 23, pl. 4, fig. 2. Port Jackson, N.S.W. (H.813).

1536. *brazieri* Angas, 1871, Proc. Zool. Soc. Lond., 1871, p. 16, pl. 1, fig. 15. Broken Bay, N.S.W. Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, p. 262, pl. 37, figs. 6, 7 (H.808).

DIMIDACUS Iredale, 1929, Aust. Zool., 5, p. 341. O.T. *melamans* Iredale.

1537. *exultus* Iredale, 1931, Rec. Aust. Mus., 18, p. 224, pl. 25, fig. 3. Sydney Harbour, N.S.W.

1538. *albomarginatus* Deshayes, 1859, Proc. Zool. Soc. Lond., 1859, p. 314. Port Jackson, N.S.W. Reeve, 1860, Conch. Icon., 12, *Terebra,* pl. 15, fig. 65.

1539. *melamans* Iredale, 1929, Aust. Zool., 5, p. 341, pl. 38, fig. 7. Sydney Harbour, N.S.W.

TRIPLOSTEPHANUS Dall, 1908, Nautilus, 21, pp. 124-125. O.T. *triseriatus* Gray.

1540. *praelongus* Deshayes, 1859, Proc. Zool. Soc. Lond., 1859, p. 315. Port Curtis, Queensland. Reeve, 1860, Conch. Icon., 12, *Terebra,* pl. 8, fig. 28 (H.812).

PERVICACIA Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, p. 262. O.T. *ustulata* Deshayes.

1541. *ustulata* Deshayes, 1857, J. de Conch., 6 p. 97, pl. 3, fig. 12. Tasmania. Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, p. 262. Disaster Bay, N.S.W., 10-25 fm.

1542. *assecla* Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, p. 263, pl. 36, fig. 16. Twofold Bay, N.S.W., 10-25 fm.

DIPLOMERIZA Dall, 1919, Nautilus, 33, p. 32. O.T. *duplicata* Lamarck.

1543. *ballina* Hedley, 1915, Proc. Linn. Soc. N.S.W., 39, p. 729, pl. 84, fig. 86. Trial Bay, N.S.W. (H.814).

1544. *vallesia* Hedley, 1912, Rec. Aust. Mus., 8, p. 147, pl. 43, fig. 31. Trial Bay, N.S.W. (H.815).

PARVITEREBRA Pilsbry, 1904, Proc. Acad. Nat. Sci. Philad., 56, p. 5. O.T. *paucivolvis* Pilsbry.

1545. *trilineata* A. Adams and Angas, 1864, Proc. Zool. Soc. Lond., 1863, p. 418, pl. 37, fig. 13. Port Jackson, N.S.W. (H.817).

1546. *brazieri* Angas, 1875, Proc. Zool. Soc. Lond., 1875, p. 390, pl. 45, fig. 5, 5 a. Off Port Jackson, N.S.W., 25 fm. (= *angasi* Tryon, 1884, Man. Conch., 7, p. 38, new name only) (H.816).

*Family* CONIDAE

CYLINDRUS Deshayes, 1824, Dict. Class. Hist. Nat., 5, p. 236. Emendation of *Cylinder* Montfort, 1810, Conch. Syst., 2, p. 390. O.T. *textile* Linne (not *Cylinder* Voet, 1796) (= *Darioconus* Iredale, 1930, Mem. Queensland Mus., 10, p. 79. O.T. *omaria* Bruguiere).

1547. *textile* Linne, 1758, Syst. Nat., 10 ed., p. 717. I. Banda, Moluccas. Rumph, 1741, Amboin. Rariteitk., pl. 32, figs. O, P.

1548. *osullivani* Iredale, 1931, Rec. Aust. Mus., 18, p. 224, pl. 25, fig. 13. Northern N.S.W.

RHIZOCONUS Morch, 1852, Cat. Conch. Yoldi, p. 68. L.T. (Iredale, 1930, Mem. Q'ld. Mus, 10, p. 80) *miles* Linne.

1549. *capitaneus* Linne, 1758, Syst. Nat., 10 ed., p. 713. Amboina. Rumph, 1741, Amboin. Rariteitk., pl. 33, fig. X. Reeve, 1843, Conch. Icon., 1, *Conus,* pl. 11, fig. 54 (H.820).

VIRROCONUS Iredale, 1930, Mem. Queensland Mus., 10, p. 80. O.T. *ebraeus* Linne.

1550. *ebraeus* Linne, 1758, Syst. Nat., 10 ed., p. 715. Amboina, Rumph, 1741, Amboin. Rariteitk., pl. 33, fig. BB.

1551. *chaldaeus* Bolten-Roding, 1798, Mus. Bolten., 2, p. 42. Mauritius. Martini, 1773, Conch. Cab., 2, pl. 63, figs. 699, 700 (= *vermiculatus* Lamarck, 1822).

1552. *coronatus* Gmelin, 1791, Syst. Nat., pt. 6, p. 3389. No loc. Gualtier, 1742, Index Test. Conchyl., pl. 20, fig. R (H.821).

1553. *imperator* Woolacott, 1956, Proc. Roy. Zool. Soc. N.S.W., 1954-5, p. 72, p. 74, fig. 3. Cairns, Queensland.

CLEOBULA Iredale, 1930, Mem. Queensland Mus., 10, p. 78. O.T. *figulinus* Linne.

1554. *livida* Bruguiere, 1792, Ency. Meth. Vers, 1, p. 630. Based on D'Argenville, 1780, La Conchyl., ed. 3 (Favanne), p. 441, pl. 15, fig. M. Mauritius.

FLORACONUS Iredale, 1930, Mem. Queensland Mus., 10, p. 80. O.T. *anemone* Lamarck.

1555. *papilliferus* Sowerby, 1834, Conch. Illus., pt. 56, List., fig. 79. Port Jackson, N.S.W. Hedley, 1918, J. Roy. Soc. N.S.W., 51, Suppl., p. M.79 (*maculosus,* not of Sowerby 1833) (H.823).

1556. *jukesii* Reeve, 1848, Conch. Icon., 1, *Conus,* Suppl., pl. 2, fig. 278. North Australia.

1557. *peronianus* Iredale, 1931, Rec. Aust. Mus., 18, p. 224, pl. 25, fig. 12. Sydney Harbour, N.S.W.

1558. *aplustre* Reeve, 1843, Conch. Icon., I, *Conus*, pl. 30, fig. 170. Botany Bay, N.S.W. (= *cookii* Brazier, 1870, Proc. Zool. Soc. Lond., 1870, p. 109. Botany Bay, N.S.W.) (H.819).

1559. *angasi* Tryon, 1884, Man. Conch., 6, p. 62, pl. 19, fig. 99. Port Jackson, N.S.W. New name for *Conus metcalfei* Angas, 1877, Proc. Zool. Soc. Lond., 1877, p. 173, pl. 26, fig. 13 (not *C. metcalfi* Reeve 1843) (= *sydneyensis* Sowerby, 1887, Thes. Conch., 5, p. 260, pl. 510, fig. 694, new name as above) (H.818).

1560. *innotabilis* Smith, 1891, Proc. Zool. Soc. Lond., 1891, p. 487, pl. 40, fig. 1. Richmond River, northern N.S.W. (H.822).

PARVICONUS Cotton and Godfrey, 1932, South Aust. Nat., 13, p. 68. O.T. *rutilus* Cotton and Godfrey (not of Menke, 1843, Spec. Moll. Nov. Holl., p. 27. Western Australia).

1561. *smithi* Angas, 1877, Proc. Zool. Soc. Lond., 1877, p. 36, pl. 5, fig. 8. Botany Bay, N.S.W. (H.824).

ENDEMOCONUS Iredale, 1931, Rec. Aust. Mus., 18, p. 225. O.T. *howelli* Iredale.

1562. *howelli* Iredale, 1929, Rec. Aust. Mus., 17, p. 182, pl. 40, figs. 1, 8. Off Montagu Island, N.S.W., 50-60 fm.

VIRGICONUS Cotton, 1945, Rec. South Aust. Mus., 8, p. 253. O.T. *virgo* Linne.

1563. *rufimaculosus* Macpherson, 1959, Mem. Nat. Mus. Melb., 24, p. 54, pl. on p. 56, figs. 5 a-c. Tweed Heads, N.S.W., 15-30 fm.

*Family* TURRIDAE

[Ref.:—Laseron, 1954, Revision of New South Wales Turridae, Aust. Zool. Handbook, Roy. Zool. Soc. N.S.W., pp. -56, pls. 1-12, figs. 1-264.]

*Subfamily* TURRINAE

XENUROTURRIS Iredale, 1929, Mem. Queensl. Mus., 9, p. 285. O.T. *legitima* Iredale.

1564. *corona* Laseron, 1954, Revision N.S.W. Turridae, p. 6, pl. 1, figs. 1, 2. Off Green Cape, N.S.W., 50-70 fm.

AUSTROTURRIS Laseron, 1954, Revision N.S.W. Turridae, p. 6. O.T. *steira* Hedley.

1565. *steira* Hedley, 1922, Rec. Aust. Mus., 13, p. 224, pl. 42, fig. 11. Off Cape Three Points, N.S.W., 50 fm. Laseron, 1954, op. cit., p. 6, pl. 1, figs. 3, 4.

EUGEMMULA Iredale, 1931, Rec. Aust. Mus., 18, p. 226. O.T. *hawleyi* Iredale.

1566. *hawleyi* Iredale, 1931, Rec. Aust. Mus., 18, p. 226, pl. 25, figs. 11, 14. Sydney Harbour, N.S.W. Laseron, 1954, op. cit., p. 7, pl. 1, figs. 5-7.

EPIDIRELLA Iredale, 1931, Rec. Aust. Mus., 18, p. 226. H.T. *tasmanica* May (= *Austrogemmula* Laseron, 1954, Revision N.S.W. Turridae, p. 7. O.T. *tasmanica* May).

1567. *tasmanica* May, 1910, Proc. Roy. Soc. Tasm., 1910, p. 391, pl. 12, fig. 16. Off Schouten I., Tasmania, 40 fm. Laseron, 1954, op. cit., pl. 1, figs. 8-9. Disaster Bay, N.S.W., 5 fm.

CLAMTURRIS Iredale, 1931, Rec. Aust. Mus., 18, p. 226. O.T. *incredula* Iredale.

1568. *incredula* Iredale, 1931, Rec. Aust. Mus., 18, p. 226, pl. 25, fig. 21. Sydney Harbour, N.S.W. Laseron, 1954, op. cit., p. 7, pl. 1, fig. 10.

MICANTAPEX Iredale, 1936, Rec. Aust. Mus., 19, p. 319. O.T. *agnata* Hedley and Petterd.

1569. *agnata* Hedley and Petterd, 1906, Rec. Aust. Mus., 6, p. 220, pl. 37, fig. 3. Off Sydney, N.S.W., 250 fm. Laseron, 1954, op. cit., p. 8, pl. 1, figs. 11-12 (H.828).

1570. *profundis* Laseron, 1954, Revision N.S.W. Turridae, p. 8, pl. 1, fig. 13. Off Sydney, N.S.W., 300 fm.

1571. *lacertosus* Hedley, 1922, Rec. Aust. Mus., 13, p. 242, pl. 44, fig. 32. Off Point Plomer, N.S.W., 50 fm. Laseron, 1954, op. cit., p. 8, pl. 1, fig. 14.

LUCERAPEX Iredale, 1936, Rec. Aust. Mus., 19, p. 320. O.T. *casearia* Hedley and Petterd.

1572. *casearia* Hedley and Petterd, 1906, Rec. Aust. Mus., 6, p. 220, pl. 37, fig. 5. Off Sydney, N.S.W., 300 fm. Laseron, 1954, op. cit., p. 8, pl. 1, fig. 15 (H.826).

1573. *regilla* Iredale, 1936, Rec. Aust. Mus., 19, p. 320. Off Sydney, N.S.W., 110 fm. Not figured. Cf. *casearia* Hedley and Petterd above.

EPIDIRONA Iredale, 1931, Rec. Aust. Mus., 18, p. 225. O.T. *hedleyi* Iredale.

1574. *hedleyi* Iredale, 1931, Rec. Aust. Mus., 18, p. 225. New name for *Epideira striata* Hedley, 1922 (not *E. striata* Gray, 1827), Rec. Aust. Mus., 13, p. 230, pl. 43, figs. 18-20. Port Jackson, N.S.W. Laseron, 1954, op. cit., p. 9, pl. 1, fig. 16 (H.857).

1575. *gabensis* Hedley, 1922, Rec. Aust. Mus., 13, p. 228, pl. 43, fig. 16. Off Gabo Island, Victoria, 80 fm. Laseron, 1954, op. cit., p. 9, pl. 1, figs. 17-20. Disaster Bay, N.S.W., 5 fm.

1576. *philipineri* Tenison-Woods, 1877, Proc. Roy. Soc. Tasm., 1876, p. 136. North-west coast, Tasmania. May, 1923, Illus. Index Tasm. Shells, pl. 34, fig. 17 (*quoyi*, not of Des Moulins, 1842).

1577. *nodulosa* Laseron, 1954, Revision N.S.W. Turridae, p. 9, pl. 1, figs. 21-23. Off Crowdy Head, N.S.W., 50 fm.

1578. *carinata* Laseron, 1954, Revision N.S.W. Turridae, p. 9, pl. 2, figs. 24-26. Off Manning River, N.S.W., 40-50 fm.

1579. *tuberculata* Laseron, 1954, Revision N.S.W. Turridae, p. 10, pl. 2, figs. 27-28. Off Port Stephens, N.S.W., 30-35 fm.

1580. *costifera* Laseron, 1954, Revision N.S.W. Turridae, p. 10, pl. 2, fig. 29. Off Manning River, N.S.W., 40-50 fm.

1581. *candida* Laseron, 1954, Revision N.S.W. Turridae, p. 10, pl. 2, fig. 30. Off Cape Everard, N.S.W., 70-80 fm.

1582. *molleri* Laseron, 1954, Revision N.S.W. Turridae, p. 11, pl. 2, figs. 31-32. Off Crowdy Head, N.S.W., 50 fm.

BENTHOFASCIS Iredale, 1936, Rec. Aust. Mus., 19, p. 319. O.T. *biconica* Hedley.

1583. *biconica* Hedley, 1903, Mem. Aust. Mus., 4, p. 385, fig. 98. Shoalhaven Bight, N.S.W., 19-20 fm. Laseron, 1954, op. cit., p. 11, pl. 2, fig. 33 (H.829).

1584. *sarcinula* Hedley, 1905, Rec. Aust. Mus., 6, p. 53, fig. 21. Off Cape Byron, north N.S.W., 111 fm. Laseron, 1954, op. cit., p. 11, pl. 2, fig. 34 (H.831).

VEXITOMINA Powell, 1942, Bull. Auck. Inst. Mus., 2, p. 77. O.T. *metcalfei* Angas.

1585. *metcalfei* Angas, 1867, Proc. Zool. Soc. Lond., 1867, p. 113, pl. 13, fig. 16. Port Jackson, N.S.W. Laseron, 1954, op. cit., p. 12, pl. 2, figs. 35-37 (H.849).

1586. *pilazona* Laseron, 1954, Revision N.S.W. Turridae, p. 12, pl. 2, figs. 38-39. Off Twofold Bay, N.S.W., 10-15 fm.

1587. *coxi* Angas, 1867, Proc. Zool. Soc. Lond., 1867, p. 113, pl. 13, fig. 15. Port Jackson, N.S.W. Laseron, 1954, op. cit., pl. 2, figs. 40-41 (H.848).

1588. *garrardi* Laseron, 1954, Revision N.S.W. Turridae, p. 13, pl. 2, figs. 42-43. Twofold Bay, N.S.W.

1589. *coriorudis* Hedley, 1922, Rec. Aust. Mus., 13, p. 237, pl. 43, fig. 25. Off Sydney, N.S.W., 300 fm. Laseron, 1954, op. cit., p. 13, pl. 2, figs. 44-46.

1590. *suavis* Smith, 1888, Ann. Mag. Nat. Hist., (6), 2, p. 305. Off Cape Three Points, N.S.W. Hedley, 1903, Mem. Aust. Mus., 4, p. 489, fig. 103 (102 in error) (type figured). Laseron, 1954, op. cit., p. 13, pl. 2, fig. 47 (H.851).

1591. *torquata* Laseron, 1954, Revision N.S.W. Turridae, p. 13, pl. 3, figs. 48-49. Off Sydney, N.S.W., 30-35 fm.

PARACUNEUS Laseron, 1954, Revision N.S.W. Turridae, p. 14. O.T. *immaculatus* Tenison-Woods.

1592. *immaculatus peronianus* Laseron, 1954, Revision N.S.W. Turridae, p. 14, pl. 3, figs. 50-51. Port Jackson, N.S.W.

1593. *spadix* Watson, 1886, Rep. Sci. Res. Challenger, Zool., 15, p. 310, pl. 26, fig. 6. Off Sydney, N.S.W., 35 fm. Laseron, 1954, op. cit., p. 14, pl. 3, figs. 52-53.

1594. *spadix tumulus* Laseron, 1954, Revision N.S.W. Turridae, p. 14, pl. 3, figs. 54-55. Off Twofold Bay, N.S.W., 50-70 fm.

1595. *kemblensis* Laseron, 1954, Revision N.S.W. Turridae, pl. 3, figs. 56-57. Off Port Kembla, N.S.W., 63-75 fm.

CONTICOSTA Laseron, 1954, Revision N.S.W. Turridae, p. 15. O.T. *petilinus* Hedley.

1596. *petilinus* Hedley, 1922, Rec. Aust. Mus., 13, p. 244, pl. 44, fig. 36. Jervis Bay, N.S.W. Laseron, 1954, op. cit., p. 15, pl. 3, fig. 58.

*Subfamily* CLAVINAE

AUSTRODRILLIA Hedley, 1918, J. Roy. Soc. N.S.W., 51, Suppl., p. M.79. O.T. *angasi* Crosse.

1597. *angasi* Crosse, 1863, J. de Conch., 11, p. 87, pl. 1, fig. 5. Port Jackson, N.S.W. Laseron, 1954, op. cit., p. 16, pl. 3, fig. 59 (H.844).

1598. *beraudiana* Crosse, 1863, J. de Conch., 11, p. 88, pl. 1, fig. 6. Port Jackson, N.S.W. Laseron, 1954, op. cit., p. 16, pl. 3, fig. 60 (H.845).

SPLENDRILLIA Hedley, 1922, Rec. Aust. Mus., 13, p. 250. O.T. *woodsi* Beddome.

1599. *woodsi* Beddome, 1883, Proc. Roy. Soc. Tasm., 1882, p. 167. South Tasmania. May, 1923, Illus. Index. Tasm. Shells, pl. 35, fig. 19. South Tasmania. Laseron, 1954, op. cit., pl. 3, figs. 61-63. Off Crookhaven, N.S.W., 30-35 fm. (H.847).

1600. *eburnea* Hedley, 1922, Rec. Aust. Mus., 13, p. 251, pl. 45, fig. 43. Off Gabo I., Victoria, 80 fm. Laseron, 1954, op. cit., p. 16, pl. 3, fig. 64.

1601. *nenia* Hedley, 1903, Mem. Aust. Mus., 4, p. 387, fig. 101. Off Cabbage Tree Is., Port Stephens, N.S.W., 24 fm. Laseron, 1954, op. cit., p. 16, pl. 3, figs. 65-67 (H.846).

1602. *spadicina* Hedley, 1922, Rec. Aust. Mus., 13, p. 252, pl. 45, fig. 45. Woolgoolga, N.S.W. Laseron, 1954, op. cit., p. 19, pl. 3, figs. 68-69.

1603. *lygdina* Hedley, 1922, Rec. Aust. Mus., 13, p. 252, pl. 45, fig. 44. Off Gabo I., Victoria, 150-200 fm. Laseron, 1954, op. cit., pl. 4, fig. 70.

1604. *molleri* Laseron, 1954, Revision N.S.W. Turridae, p. 17, pl. 4, fig. 71. Off Crowdy Head, N.S.W., 50 fm.

MAORITOMELLA Powell, 1942, Bull. Auck. Inst. Mus., 2, pp. 83, 113. O.T. *albula* Hutton.

1605. *dilecta* Hedley, 1903, Mem. Aust. Mus., 4, p. 387, fig. 100. Off Port Stephens, N.S.W., 24 fm. Laseron 1954, op. cit., p. 17, pl. 4, fig. 72 (H.864).

1606. *thola* Laseron, 1954, Revision N.S.W. Turridae, p. 18, pl. 4, fig. 73. Off Manning River, N.S.W., 40-50 fm.

1607. *foliacea* Laseron, 1954, Revision N.S.W. Turridae, p. 18, pl. 4, fig. 74. Off Twofold Bay, N.S.W., 40 fm.

Microdrillia Casey, 1903, Proc. Acad. Nat. Sci. Philad., 55, p. 276. O.T. *cossmanni* Meyer.

1608. *fastosa* Hedley, 1907, Rec. Aust. Mus., 6, p. 295, pl. 55, fig. 21. Off Narrabeen, N.S.W., 80 fm. Laseron, 1954, op. cit., p. 19, pl. 4, fig. 75 (H.885).

1609. *stephensensis* Laseron, 1954, Revision N.S.W. Turridae, p. 19, pl. 4, figs. 76-78. Off Port Stephens, N.S.W., 30-50 fm.

Narraweena Laseron, 1954, Revision N.S.W. Turridae, p. 19. O.T. *subtilinea* Hedley.

1610. *subtilinea* Hedley, 1922, Rec. Aust. Mus., 13, p. 219, pl. 42, fig. 6. Port Jackson, N.S.W. (ex *subtilinea* Hedley, 1918, J. Roy. Soc. N.S.W., 51, Suppl., p. M.82. New name for *Pleurotoma violacea* Angas, 1871, Proc. Zool. Soc. Lond., 1871, p. 92, not Hinds, 1845). Laseron, 1954, op. cit., p. 19, pl. 4, figs. 79-80 (H.865).

1611. *carrota* Laseron, 1954, Revision N.S.W. Turridae, p. 19, pl. 4, figs. 81-83. Off Port Stephens, N.S.W., 30-35 fm.

Pulsarella Laseron, 1954, Revision N.S.W. Turridae, p. 20. O.T. *cognata* Smith.

1612. *cognata* Smith, 1877, Ann. Mag. Nat. Hist., (4), 19, p. 490. Australia. Hedley, Proc. Linn. Soc. N.S.W., 38, p. 487, pl. 10 bis, fig. 2 (type figured). Laseron, 1954, op. cit., pl. 4, fig. 84. Woolgoolga, N.S.W. (H.863).

*Subfamily* BORSONIINAE

Teleochilus Harris, 1897, Cat. Tert. Moll. Brit. Mus., 1, p. 64. H.T. *gracillima* Tenison-Woods (= *Litachilus* Powell, 1944, Rec. Auck. Mus., 3, p. 64. O.T. *royanus* Iredale (not *Teleochilus* Harris as used by Hedley, 1922, Rec. Aust. Mus., 13, pp. 356, 357, which is *Benthofascis* Iredale, 1936)

1613. *royanus* Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, p. 264, pl. 34, fig. 67. Twofold Bay, N.S.W., 10-25 fm. Laseron, 1954, op. cit., p. 22, pl. 4, figs. 89-90.

Mitrithara Hedley, 1922, Rec. Aust. Mus., 13, p. 233. O.T. *alba* Petterd.

1614. *probes* Hedley, 1922, Rec. Aust. Mus., 13, p. 236, pl. 43, fig. 22. Off Narrabeen, N.S.W., 80 fm. Laseron, 1954, op. cit., p. 21, pl. 4, fig. 85.

Scrinium Hedley, 1922, Rec. Aust. Mus., 13, p. 258. O.T. *brazieri* Smith.

1615. *brazieri* Smith, 1891, Proc. Zool. Soc. Lond., 1891, p. 487, pl. 40, fig. 2. Port Jackson, N.S.W. Laseron, 1954, op. cit., p. 21, pl. 4, fig. 86 (H.830).

1616. *furtivum* Hedley, 1922, Rec. Aust. Mus., 13, p. 259, pl. 45, fig. 53. Off Narrabeen, N.S.W., 80 fm. Laseron, 1954, op. cit., p. 21, pl. 4, fig. 87.

*Subfamily* MANGELIINAE

Filodrillia Hedley, 1922, Rec. Aust. Mus., 13, p. 220. O.T. *tricarinata* Tenison-Woods.

1617. *tricarinata* Tenison-Woods, 1878, Proc. Linn. Soc. N.S.W., 2, p. 265. Off Sydney Heads, N.S.W., 45 fm. Hedley, 1901, Rec. Aust. Mus., 4, p. 23, fig. 3 (type figured). Hedley, 1903, Mem. Aust. Mus., 4, p. 389, fig. 104 (adult specimen). Laseron, 1954, op. cit., p. 23, pl. 5, figs. 91-93 (H.852).

1618. *tricarinata intermissa* Laseron, 1954, Revision N.S.W. Turridae, p. 23, pl. 5, figs. 94-96. Off Green Cape, N.S.W., 50-70 fm.

1619. *mucronata* Hedley, 1922, Rec. Aust. Mus., 13, p. 222, pl. 42, fig. 8. Off Port Stephens, N.S.W., 24 fm. Laseron, 1954, op. cit., p. 23, pl. 5, figs. 97-99.

1620. *delicatula* Laseron, 1954, Revision N.S.W. Turridae, p. 23, pl. 5, fig. 100. Off Crookhaven, N.S.W., 30-35 fm.

1621. *stadialis* Hedley, 1922, Rec. Aust. Mus., 13, p. 224, pl. 42, fig. 10. Off Wollongong, N.S.W., 100 fm. Laseron, 1954, op. cit., p. 24, pl. 5, fig. 101.

1622. *haswelli* Hedley, 1907, Rec. Aust. Mus., 6, p. 297, pl. 55, fig. 22. Off Narrabeen, N.S.W., 80 fm. Laseron, 1954, op. cit., p. 24, pl. 5, fig. 102.

1623. *ordinata* Laseron, 1954, Revision N.S.W. Turridae, p. 24, pl. 5, fig. 103. Off Green Cape, N.S.W., 50-70 fm.

1624. *thornleyana* Laseron, 1954, Revision N.S.W. Turridae, p. 24, pl. 5, figs. 104, 105. Off Port Stephens, N.S.W., 30-35 fm.

1625. *vitrea* Laseron, 1954, Revision N.S.W. Turridae, p. 25, pl. 5, figs. 106-107. Off Cape Everard, N.S.W., 70-80 fm.

1626. *teres* Laseron, 1954, Revision N.S.W. Turridae, p. 25, pl. 5, figs. 108-109. Off Crookhaven, N.S.W., 20-25 fm.

Austrocarina Laseron, 1954, Revision N.S.W. Turridae, p. 21. O.T. *recta* Hedley.

1627. *recta* Hedley, 1903, Mem. Aust. Mus., 4, p. 386, fig. 99. Off Cape Three Points, N.S.W., 41-50 fm. Laseron, 1954, op. cit., p. 22, pl. 4, fig. 88 (H.827).

Austropusilla Laseron, 1954, Revision N.S.W. Turridae, p. 25. O.T. *hilum* Hedley.

1628. *hilum* Hedley, 1908, Proc. Linn. Soc. N.S.W., 33, p. 471, pl. 9, fig. 17. Sydney Harbour, N.S.W., 12 fm. Laseron, 1954, op. cit., p. 25, pl. 5, figs. 110-112 (H.880).

1629. *profundis* Laseron, 1954, Revision N.S.W.

Turridae, p. 25, pl. 5, fig. 113. Off Green Cape, N.S.W., 70 fm.

ETREMA Hedley, 1918, J. Roy. Soc. N.S.W., 51, Suppl., p. M.79. O.T. *aliciae* Melvill and Standen.

1630. *bicolor* Angas, 1871, Proc. Zool. Soc. Lond., 1871, p. 18, pl. 1, fig. 20. Port Jackson, N.S.W. Laseron 1954, op. cit., p. 26, pl. 6, figs. 114-115 (H.861).

1631. *alliterata* Hedley, 1915, Proc. Linn. Soc. N.S.W., 39, p. 728, pl. 82, figs. 56-57. Port Jackson, N.S.W. Laseron, 1954, op. cit., p. 26, pl. 6, figs. 116-118 (H.860).

1632. *nassoides* Reeve, 1845, Conch. Icon., 1, *Pleurotoma*, pl. 29, fig. 259. West Indies (error = Port Jackson, N.S.W.) (= *zonulata* Angas, 1867, Proc. Zool. Soc. Lond., 1867, p. 113, pl. 13, fig. 17. Sydney Harbour.) Laseron, 1954, op. cit., p. 26, pl. 6, figs. 119-121 (H.862).

1633. *denseplicata tasmantis* Laseron, 1954, Revision N.S.W. Turridae, p. 27, pl. 6, figs. 122-124 (type 123). Off Crookhaven, N.S.W., 30-35 fm.

1634. *constricta* Laseron, 1954, Revision N.S.W. Turridae, p. 27, pl. 6, fig. 125-126. Port Jackson, N.S.W.

1635. *levicosta* Laseron, 1954, Revision N.S.W. Turridae, p. 27, pl. 6, figs. 127-128. Off Port Stephens, N.S.W., 30-35 fm.

1636. *pyramis* Laseron, 1954, Revision N.S.W. Turridae, p. 28, pl. 6, figs. 129-131. Shellharbour, N.S.W.

1637. *kitcheni* Laseron, 1954, Revision N.S.W. Turridae, p. 28, pl. 6, figs. 131-134. Off Eden, N.S.W., 8 fm.

1638. *kitcheni attenuata* Laseron, 1954, Revision N.S.W. Turridae, p. 28, pl. 6, figs. 135-136. Off Sydney, N.S.W., 30-50 fm.

GURALEUS Hedley, 1918, J. Roy. Soc. N.S.W., 51, Suppl., p. M.79. O.T. *pictus* A. Adams and Angas.

1639. *pictus* A. Adams and Angas, 1864, Proc. Zool. Soc. Lond., 1863, p. 419, pl. 37, fig. 7. Port Jackson, N.S.W. Laseron, 1954, op. cit., p. 29, pl. 7, figs. 137-140 (H.837).

1640. *fascinus* Hedley, 1922, Rec. Aust. Mus., 13, p. 314, pl. 52, fig. 141. Port Jackson, N.S.W. Laseron, 1954, op. cit., p. 30, pl. 7, fig. 142.

1641. *fascinus stephenensis* Hedley, 1922, Rec. Aust. Mus., 13, p. 314, pl. 52, fig. 142, Port Stephens, N.S.W. Laseron, 1954, op. cit., p. 30, pl. 7, fig. 141.

1642. *tasmantis* Laseron, 1954, Revision N.S.W. Turridae, p. 30, pl. 7, figs. 143-144. Off Green Cape, N.S.W., 70 fm.

1643. *tasmantis tritomus* Laseron, 1954, Revision N.S.W. Turridae, p. 30, pl. 7, figs. 145-146. Off Green Cape, N.S.W., 50-70 fm.

1644. *flavescens* Angas, 1877, Proc. Zool. Soc. Lond., 1877, p. 37, pl. 5, fig. 11. Port Jackson, N.S.W. Laseron, 1954, op. cit., p. 30, pl. 7, fig. 147 (H.833).

1645. *brazieri* Angas, 1871, Proc. Zool. Soc. Lond., 1871, p. 18, pl. 1, fig. 21. Port Jackson, N.S.W. Laseron, 1954, op. cit., p. 30, pl. 7, figs. 148-149 (H.832).

1646. *asper* Laseron, 1954, Revision N.S.W. Turridae, p. 31, pl. 7, figs. 150-151. Off Clarence River, N.S.W., 15 fm.

1647. *nanus* Laseron, 1954, Revision N.S.W. Turridae, p. 31, pl. 7, fig. 152. Manly, N.S.W.

1648. *fossa* Laseron, 1954, Revision N.S.W. Turridae, p. 31, pl. 7, fig. 153. Twofold Bay, N.S.W., 30 fm.

MITRAGURALEUS Laseron, 1954, Revision N.S.W. Turridae, p. 32. O.T. *mitralis* A. Adams and Angas.

1649. *mitralis* A. Adams and Angas, 1864, Proc. Zool. Soc. Lond., 1863, p. 420. Port Jackson, N.S.W. Hedley, 1913, Proc. Linn. Soc. N.S.W., 38, p. 310, pl. 19, fig. 75. Laseron, 1954, op. cit., p. 32, pl. 7, figs. 154-155 (H.836).

EUGURALEUS Cotton, 1947, South Aust. Naturalist, 24, p. 15, O.T. *anisus* Cotton.

1650. *thornleyanus* Laseron, 1954, Revision N.S.W. Turridae, p. 32, pl. 7, figs. 156-157. Off Port Stephens, N.S.W., 30-35 fm.

1651. *jacksonensis* Angas, 1877, Proc. Zool. Soc. Lond., 1877, p. 37, pl. 5, fig. 10. Off Port Jackson, N.S.W., 25 fm. Laseron, 1954, op. cit., p. 32, pl. 8, figs. 158-159 (H.838 pt.).

1652. *tasmanicus peronianus* Laseron, 1954, Revision N.S.W. Turridae, p. 33, pl. 8, fig. 160. Off Montagu I., N.S.W., 7 fm. (H.838 pt.).

PARAGURALEUS Powell, 1944, Rec. Auck. Inst. Mus., 3, p. 49. O.T. *balcombensis* Powell.

1653. *eminus* Hedley, 1905, Rec. Aust. Mus., 6, p. 53, fig. 20. Off Port Kembla, N.S.W., 63-75 fm. Laseron, 1954, op. cit., p. 33, pl. 8, figs. 161-162 (H.834).

1654. *eminus brevostium* Laseron, 1954, Revision N.S.W. Turridae, p. 34, pl. 8, fig. 163. Off Crookhaven, N.S.W., 30-35 fm.

1655. *howelli* Laseron, 1954, Revision N.S.W. Turridae, p. 34, pl. 8, figs. 164-165. Off Cape Everard, N.S.W., 70-80 fm.

1656. *subitus* Laseron, 1954, Revision N.S.W. Turridae, p. 34, pl. 8, figs. 166-168. Off Green Cape, N.S.W., 50-70 fm.

1657. *tepidus* Laseron, 1954, Revision N.S.W. Turridae, p. 34, pl. 8, fig. 169. Off Port Stephens, N.S.W., 30-35 fm.

1658. *costatus* Hedley, 1922, Rec. Aust. Mus., 13, p. 313, pl. 52, fig. 140. Off Narrabeen, N.S.W., 80 fm. Laseron, 1954, op. cit., p. 35, pl. 8, figs. 170-171.

1659. *serpentis* Laseron, 1954, Revision N.S.W. Turridae, p. 35, pl. 8, fig. 172. Port Jackson, N.S.W.

1660. *alternatus* Laseron, 1954, Revision N.S.W. Turridae, p. 35, pl. 8, figs. 173-175. Off Manning River, N.S.W., 40-50 fm.

1661. *permutatus* Hedley, 1922, Rec. Aust. Mus., 13, p. 320, pl. 53, fig. 148. Off Port Kembla, N.S.W., 63-75 fm. Laseron, 1954, op. cit., p. 35, pl. 8, fig. 176.

1662. *lucidus* Laseron, 1954, Revision N.S.W. Turridae, p. 35, pl. 8, figs. 177-178. Off Long Reef, north of Sydney, N.S.W., 14 fm.

Turrella Laseron, 1954, Revision N.S.W. Turridae, p. 36. O.T. *tenuilirata* Angas.

1663. *tenuilirata* Angas, 1871, Proc. Zool. Soc. Lond., 1871, p. 17, pl. 1, fig. 18. Port Jackson, N.S.W., 5 fm. Laseron, 1954, op. cit., p. 36, pl. 9, figs. 179-182 (H.841).

1664. *morologus* Hedley, 1922, Rec. Aust. Mus., 13, p. 319, pl. 52, fig. 146. Off Botany Heads, N.S.W., 50-52 fm. Laseron, 1954, op. cit., p. 36, pl. 9, figs. 183-184.

1665. *crassa* Laseron, 1954, Revision N.S.W. Turridae, p. 36, pl. 9, figs. 185-186. Off Crookhaven, N.S.W., 30-35 fm.

1666. *letourneuxiana* Crosse and Fischer, 1865, J. de Conch., 13, p. 425, pl. 11, fig. 7. Port Jackson, N.S.W. Laseron, 1954, op. cit., p. 37, pl. 9, figs. 187-188 (H.835).

1667. *gracilis* Laseron, 1954, Revision N.S.W. Turridae, p. 37, pl. 9, figs. 189-190. Off Green Cape, N.S.W., 70 fm.

1668. *subcostata* Laseron, 1954, Revision N.S.W. Turridae, p. 37, pl. 9, figs. 191-192. Crookhaven Heads, N.S.W.

1669. *asperrima* Laseron, 1954, Revision N.S.W. Turridae, p. 38, pl. 9, figs. 193-194. Off Port Hacking, N.S.W.

Marita Hedley, 1922, Rec. Aust. Mus., 13, p. 312. O.T. *compta* A. Adams and Angas.

1670. *compta* A. Adams and Angas, 1864, Proc. Zool. Soc. Lond., 1863, p. 419, pl. 37, fig. 5. Port Jackson, N.S.W. Laseron, 1954, op. cit., p. 38, pl. 9, figs. 195-196 (H.853).

1671. *elongata* Laseron, 1954, Revision N.S.W. Turridae, p. 38, pl. 9, figs. 197-198. Port Jackson, N.S.W.

1672. *tumida* Laseron, 1954, Revision N.S.W. Turridae, p. 39, pl. 9, figs. 199-200. Off Port Stephens, N.S.W., 30-35 fm.

Heterocithara Hedley, 1922, Rec. Aust. Mus., 13, p. 297. O.T. *bilineata* Angas.

1673. *bilineata* Angas, 1871, Proc. Zool. Soc. Lond., 1871, p. 18, pl. 1, fig. 23. Port Jackson, N.S.W. Laseron, 1954, op. cit., p. 40, pl. 9, figs. 201-202 (H.866).

Apispiralia Laseron, 1954, Revision N.S.W. Turridae, p. 40. O.T. *albocincta* Angas.

1674. *albocincta* Angas, 1871, Proc. Zool. Soc. Lond., 1871, p. 18, pl. 1, fig. 22. Port Jackson, N.S.W. Laseron, 1954, op. cit., p. 40, pl. 10, figs. 203-204 (H.873).

1675. *catena* Laseron, 1954, Revision N.S.W. Turridae, p. 40, pl. 10, figs. 205-206. Off Long Reef, north of Sydney, N.S.W., 14 fm.

1676. *maxima* Laseron, 1954, Revision N.S.W. Turridae, p. 40, pl. 10, fig. 207. Twofold Bay, N.S.W., 10-15 fm.

Pseudodaphnella Boettger, 1895, Nachr. d. Malak. Gesell., 27, p. 58. O.T. *philippinensis* Reeve.

1677. *pustulata* Angas, 1877, Proc. Zool. Soc. Lond., 1877, p. 38, pl. 5, fig. 14. Port Jackson, N.S.W. Laseron, 1954, op. cit., p. 41, pl. 10, figs. 208, 209 (H.855).

Paramontana Laseron, 1954, Revision N.S.W. Turridae, p. 41. O.T. *modesta* Angas.

1678. *modesta* Angas, 1877, Proc. Zool. Soc. Lond., 1877, p. 38, pl. 5, fig. 15. Port Jackson, N.S.W. Laseron, 1954, op. cit., p. 41, pl. 10, figs. 210, 211 (H.854).

1679. *rufozonata* Angas, 1877, Proc. Zool. Soc. Lond., 1877, p. 38, pl. 5, fig. 13. Port Jackson, N.S.W. Laseron, 1954, op. cit., p. 41, pl. 10, fig. 12 (H.856).

1680. *fusca* Laseron, 1954, Revision N.S.W. Turridae, p. 41, pl. 10, figs. 213-214. Off Eden, N.S.W.

Apitua Laseron, 1954, Revision N.S.W. Turridae, p. 42. O.T. *delicatula* Laseron.

1681. *delicatula* Laseron, 1954, Revision N.S.W. Turridae, p. 42, pl. 10, figs. 215-216. Port Jackson, N.S.W.

Macteola Hedley, 1918, J. Roy. Soc. N.S.W., 51, Suppl., p. M.79. O.T. *anomala* Angas.

1682. *anomala* Angas, 1877, Proc. Zool. Soc. Lond., 1877, p. 34, pl. 5, fig. 1. Off Port Jackson, N.S.W., 25 fm. Laseron, 1954, op. cit., p. 42, pl. 10, fig. 217 (H.859).

Pseudorhaphitoma Boettger, 1895, Nachr. d. Malak Gesell., 27, p. 56. O.T. *fairbanki* G. and H. Nevill.

1683. *alticostata* Sowerby, 1896, Proc. Malacol. Soc., 2, p. 31, pl. 3, fig. 16. St. Vincent Gulf, South Aust. Laseron, 1954, op. cit., p. 43, pl. 10, fig. 218. Cronulla, N.S.W. (H.839).

1684. *informis* Hedley, 1922, Rec. Aust. Mus., 13, p. 310, pl. 51, fig. 135. Broughton Island, N.S.W. Laseron, 1954, op. cit., p. 43, pl. 10, fig. 219.

1685. *pyramidula* Laseron, 1954, Revision N.S.W. Turridae, p. 43, pl. 10, figs. 220-221. Port Jackson, N.S.W.

*Subfamily* DAPHNELLINAE

Paradaphne Laseron, 1954, Revision N.S.W. Turridae, p. 44. O.T. *botanica* Hedley.

1686. *botanica* Hedley, 1918, J. Roy. Soc. N.S.W., 51, Suppl., p. M.83. New name for *Pleurotoma fragilis* Reeve, 1845, Conch. Icon., 1, *Pleurotoma*, pl. 21, fig. 179. Port Jackson, N.S.W. (not *P. fragilis* Deshayes, 1834). Hedley, 1922, Rec. Aust. Mus., 13, p. 326, pl. 53, figs. 157-159. Laseron, 1954, op. cit., p. 44, pl. 11, figs. 222-223 (H.869).

1687. *bucklandi* Laseron, 1954, Revision N.S.W. Turridae, p. 44, pl. 11, figs. 224-225. Twofold Bay, N.S.W., 10-15 fm.

Isodaphne Laseron, 1954, Revision N.S.W. Turridae, p. 44. O.T. *garrardi* Laseron.

1688. *garrardi* Laseron, 1954, Revision N.S.W. Turridae, p. 44, pl. 11, figs. 226-227. Twofold Bay, N.S.W., 10-15 fm.

Austrodaphnella Laseron, 1954, Revision N.S.W. Turridae, p. 45. O.T. *clathrata* Laseron.

1689. *clathrata* Laseron, 1954, Revision N.S.W. Turridae, p. 45, pl. 11, figs. 228-229. Broken Bay, N.S.W.

Asperdaphne Hedley, 1922, Rec. Aust. Mus., 13, p. 338. (New name for *Scabrella* Hedley, 1918, J. Roy. Soc. N.S.W., 51, Suppl. p. M.79, not *Scabrella* Sacco, 1890.) O.T. *versivestita* Hedley.

1690. *versivestita* Hedley, 1912, Rec. Aust. Mus., 8, p. 148, pl. 43, fig. 33. Botany Heads, N.S.W. Laseron, 1954, op. cit., p. 45, pl. 11, fig. 230 (H.877).

1691. *brenchleyi* Angas, 1877, Proc. Zool. Soc. Lond., 1877, p. 37, pl. 5, fig. 12. Port Stephens, N.S.W. Laseron, 1954, op. cit., p. 45, pl. 11, figs. 231, 232 (H.874).

1692. *hayesiana* Angas, 1871, Proc. Zool. Soc. Lond., 1871, p. 17, pl. 1, fig. 17. Port Jackson, N.S.W. Laseron, 1954, op. cit., p. 45, pl. 11, figs. 233-234 (H.875).

1693. *rugosa* Laseron, 1954, Revision N.S.W. Turridae, p. 46, pl. 11, figs. 235-237. Off Crookhaven, N.S.W., 30-35 fm.

1694. *sepulta* Laseron, 1954, Revision N.S.W. Turridae, p. 46, pl. 11, figs. 238-239. Port Jackson, N.S.W.

1695. *vestalis* Hedley, 1903, Mem. Aust. Mus., 4, p. 390, fig. 105. Off Cape Three Points, N.S.W., 41-50 fm. Laseron, 1954, op. cit., p. 46, pl. 11, figs. 240, 241 (H.878).

Tasmadaphne Laseron, 1954, Revision N.S.W. Turridae, p. 46. O.T. *spicula* Laseron.

1696. *spicula* Laseron, 1954, Revision N.S.W. Turridae, p. 47, pl. 11, figs. 242-243. Off Crookhaven, N.S.W., 30-35 fm.

1697. *aculeola* Hedley, 1915, Proc. Linn. Soc. N.S.W., 39, p. 728, pl. 82, fig. 58. Port Jackson, N.S.W. Laseron, 1954, op. cit., p. 47, pl. 11, figs. 244, 245 (H.867).

Fusidaphne Laseron, 1954, Revision N.S.W. Turridae, p. 47. O.T. *bullata* Laseron.

1698. *bullata* Laseron, 1954, Revision N.S.W. Turridae, p. 47, pl. 12, figs. 246-247. Twofold Bay, N.S.W., 10-15 fm.

Veprecula Melvill, 1917, Proc. Malacol. Soc., 12, pp. 141, 188. O.T. *sykesii* Melvill and Standen.

1699. *vepratica* Hedley, 1903, Mem. Aust. Mus., 4, p. 384, fig. 97. Off Port Kembla, N.S.W., 63-75 fm. Laseron, 1954, op. cit., p. 48, pl. 12, figs. 248-250 (H.879).

Exomilus Hedley, 1918, J. Roy. Soc. N.S.W., 57, Suppl., p. M.79. O.T. *lutarius* Hedley.

1700. *lutarius* Hedley, 1907, Rec. Aust. Mus., 6, p. 296, pl. 54, figs. 11, 12. Off Narrabeen, N.S.W., 80 fm. Laseron, 1954, op. cit., p. 48, pl. 12, figs. 251, 252 (*lutrarius* in error) (H.842).

1701. *cylindricus* Laseron, 1954, Revision N.S.W. Turridae, p. 48, pl. 12, figs. 253-254. Off Narrabeen, N.S.W., 80 fm.

1702. *spica* Hedley, 1907, Rec. Aust. Mus., 6, p. 297, pl. 55, fig. 20. Off Narrabeen, N.S.W., 80 fm. Laseron, 1954, op. cit., p. 48, pl. 12, fig. 255 (H.881).

Nepotilla Hedley, 1918, J. Roy. Soc. N.S.W., 51, Suppl., p. M.79. O.T. *bathentoma* Verco.

1703. *serrata* Laseron, 1954, Revision N.S.W. Turridae, p. 49, pl. 12, figs. 256-257. Port Stephens, N.S.W.

1704. *carinata* Laseron, 1954, Revision N.S.W. Turridae, p. 49, pl. 12, figs. 258-259. Off Crookhaven, N.S.W., 30-35 fm.

1705. *excavata* Gatliff, 1906, Proc. Roy. Soc. Vict., 19, (n.s.), p. 1, pl. 1, figs. 1, 2. Point Nepean, Victoria. Laseron, 1954, op. cit., p. 49, pl. 12, fig. 260. Port Stephens, N.S.W. (H.872).

Microgenia Laseron, 1954, Revision N.S.W. Turridae, p. 50. O.T. *edwini* Henn and Brazier.

1706. *edwini* Henn and Brazier, 1894, Proc. Linn. Soc. N.S.W., 19, p. 168, pl. 14, fig. 3. Port Jackson, N.S.W. Laseron, 1954, op. cit., p. 50, pl. 12, figs. 261, 262 (H.870).

SPECIES OF DOUBTFUL CLASSIFICATION

1707. *Asperdaphne compacta* Hedley, 1922, Rec. Aust. Mus., 13, p. 340, pl. 55, fig. 174. Off Narrabeen, N.S.W., 80 fm. Laseron, 1954, op. cit., p. 51, pl. 12, fig. 263 (copied). (The types are in bad condition, and doubtfully referred to *Asperdaphne*.)

1708. *Pleurotoma (Drillia) multilirata* Smith, 1877, Ann. Mag. Nat. Hist., (4), 19, p. 496, ? Port Jackson, N.S.W. Type figured. Hedley, 1903, Mem.

Aust. Mus., 4, p. 389, fig. 102 (not 103). Laseron, 1954, op. cit., p. 51, pl. 12, fig. 264 (copied). This species was referred to *Inquisitor* by Hedley (1922) but it does not belong there. It has not been recorded since (see Laseron, 1954) (H.850).

*Fusus pagodoides* Watson, 1882, is not a Turrid, but is dealt with above under *Columbarium*. *Aspella undata* Hedley, 1907, Rec. Aust. Mus., 6, p. 294, pl. 55, fig. 15 (H.973), is not a Turrid, fide Laseron, 1954, op. cit., p. 51 (see above after Family Trophonidae).

Two apparently alien species were recorded by Hedley, 1922, from Norah Head, New South Wales, and as these are still doubtfully from this state, must be held in suspense for confirmation. These are *Daphnella boholensis* Reeve, 1843, Conch. Icon., 1, *Daphnella,* pl. 13, fig. 112 (Bohol I., Philippine Islands) and *Pleurotoma carinulata* Souverbie, 1875, J. de Conch., 23, p. 289, pl. 13, fig. 6 (New Caledonia). *Hemilienardia homochroa* Hedley, 1922, is a Queensland species which was recorded from New South Wales on the basis of one immature shell from Coogee, near Sydney, which cannot be identified with certainty.

*Subclass* PULMONATA

*Order* BASOMMATOPHORA

*Family* PYTHIIDAE

MELOSIDULA Iredale, 1936, Rec. Aust. Mus., 19, p. 328. O.T. *zonata* H. and A. Adams.

1709. *zonata* H. and A. Adams, 1855, Proc. Zool. Soc. Lond., 1854, p. 32. Sydney, N.S.W. Hedley, 1906, Proc. Linn. Soc. N.S.W., 30, p. 537, pl. 33, fig. 30. Allan, 1950, Aust. Shells, p. 364, text fig. 86, fig. 6 (H.990).

1710. *granosula* Iredale, 1936, Rec. Aust. Mus., 19, p. 328, pl. 24, fig. 22. Sydney Harbour, N.S.W.

1711. *nucleus* Gmelin, 1791, Syst. Nat., pt. 6, p. 3651. "Otaheite" (error, ex Martyn, 1784, Univ. Conch., pl. 67, cf. Hedley, 1912, Rec. Aust. Mus., 8, p. 152) = Cooktown, N. Queensland. Allan, 1950, Aust. Shells, p. 364, text fig. 86, fig. 8.

MARIPYTHIA Iredale, 1936, Rec. Aust. Mus., 19, p. 328. O.T. *xanthostoma* H. and A. Adams.

1712. *xanthostoma* H. and A. Adams, 1855, Proc. Zool. Soc. Lond., 1854, p. 35. Moreton Bay, Queensland. Hedley, 1902, Proc. Linn. Soc. N.S.W., 26, p. 704, pl. 34, fig. 18 (H.991).

OPHICARDELUS Beck, 1838, Index Moll., p. 108. H.T. *ornatus* Ferussac. [Ref.:—Iredale, 1926, Vict. Naturalist, 42, pp. 268-270, figs. in text.]

1713. *ornatus* Ferussac, 1821, Tabl. Syst. Anim. Moll., p. 103. Tasmania. Iredale, 1926, loc. cit., p. 268, fig. 1 (H.992).

1714. *sulcatus* H. and A. Adams, 1855, Proc. Zool. Soc. Lond., 1854, p. 34. Sydney, N.S.W. Hedley, 1913, Proc. Linn. Soc. N.S.W., 38, p. 333, pl. 19, fig. 86 (= *stutchburyi* Pfeiffer, 1857, Proc. Zool. Soc. Lond., 1856, p. 393. Port Curtis, Queensland. Hedley, 1913, loc. cit., p. 334, pl. 19, fig. 88). (H.993).

1715. *quoyi* H. and A. Adams, 1855, Proc. Zool. Soc. Lond., 1854, p. 34. Moreton Bay, Queensland. Hedley, 1913, loc. cit., p. 333, pl. 19, fig. 87.

PLECOTREMA H. and A. Adams, 1854, Proc. Zool. Soc. Lond., 1853, p. 120. T.T. *typica* H. and A. Adams.

1716. *lirata* H. and A. Adams, 1854, Proc. Zool. Soc. Lond., 1853, p. 121. Moreton Bay, Queensland. Sykes, 1895, Proc. Malacol. Soc., 1, p. 241. Allan, 1950, Aust. Shells, p. 364, text fig. 86, fig. 12 (H.994).

*Family* LEUCONOPSIDAE

LEUCONOPSIS Hutton, 1884, Trans. New Zeal. Inst., 16, p. 213. H.T. *obsoleta* Hutton.

1717. *inermis* Hedley, 1901, Proc. Linn. Soc. N.S.W., 25, p. 722, pl. 48, fig. 15. Sydney Harbour, N.S.W. (H.995).

*Family* SIPHONARIIDAE

ELLSIPHON Iredale, 1940, Aust. Zool., 9, p. 437. H.T. *marza* Iredale.

1718. *denticulatus* Quoy and Gaimard, 1833, Voy. Astrol., Zool., 2, p. 340, pl. 25, figs. 19-20. Western Port, Victoria. McAlpine, 1952, Proc. Roy. Zool. Soc. N.S.W., 1951-2, p. 41, fig. 1. Sydney, N.S.W. (H.999).

HUBENDICKULA McAlpine, 1952, Proc. Roy. Zool. Soc. N.S.W., 1951-2, p. 42. O.T. *diemenensis* Quoy and Gaimard.

1719. *diemenensis* Quoy and Gaimard, 1833, Voy. Astrol., Zool., 2, p. 327, pl. 25, figs. 1-12. Tasmania. McAlpine, 1952, loc. cit., p. 41, fig. 2.

PLANESIPHON Iredale, 1940, Aust. Zool., 9, p. 437. L.T. (McAlpine, 1952, loc. cit., p. 42) *elegans* Iredale.

1720. *bifurcata* Reeve, 1856, Conch. Icon., 9, *Siphonaria,* pl. 5, fig. 22. Port Jackson, N.S.W. McAlpine, 1952, loc. cit., p. 41, fig. 3 (H.998).

TALISIPHON Iredale, 1940, Aust. Zool., 9, p. 442. O.T. *virgulata* Hedley.

1721. *virgulata* Hedley, 1915, Proc. Linn. Soc. N.S.W., 39, p. 751, pl. 85, figs. 96-98. Sydney, N.S.W. (H.1000).

1722. *oblivirgulata* Hubendick, 1943, Arkiv. fur. Zool., Bd. 35a, p. 4, figs. 2, 6. Port Jackson, N.S.W.

PUGILLARIA Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, p. 277. O.T. *stowae* Verco.

1723. *stowae comita* Iredale, 1924, Proc. Linn. Soc. N.S.W., 49, p. 277. Sydney beaches, N.S.W. Not figured. Cf. *stowae* Verco, 1906, Trans. Roy. Soc. Sth. Aust., 30, p. 223, pl. 8, figs. 3, 8 (H.1002).

*Family* GADINIIDAE

(Trimusculidae)

GADINALEA Iredale, 1940, Aust. Zool., 9, p. 437. O.T. *conica* Angas.

1724. *conica* Angas, 1867, Proc. Zool. Soc. Lond., 1867, p. 115, pl. 13, fig. 27. Coogee Bay, near Sydney, N.S.W. (H.1003).

*Family* AMPHIBOLIDAE

SALINATOR Hedley, 1900, Proc. Linn. Soc. N.S.W., 25, p. 511. O.T. *fragilis* Lamarck.

1725. *fragilis* Lamarck, 1822, Hist. Anim. s. Vert., 6, (2), p. 179. King George's Sound, Western Australia. Delessert, 1841, Rec. Coq. Lam., pl. 31, figs. 4 a, b, c. Woolacott, 1945, Proc. Roy. Zool. Soc. N.S.W., 1944-5, p. 36, pl. 3, figs. 3, 4, 5, 6, 10 (H.997).

1726. *solida* Schacko, 1878, Jahrb. deut. Malak. Gesell., 5, p. 1, pl. 1. Sydney, N.S.W. Woolacott, 1945, loc. cit., p. 36, pl. 3, figs. 1, 2, 7, 8, 9.

*Order* STYLOMMATOPHORA

*Family* ONCHIDIIDAE

[Ref.:—Bretnall, 1919, Rec. Aust. Mus., 12, pp. 303-328, pl. 38.]

ONCHIDIUM Buchanan, 1800, Trans. Linn. Soc. Lond., 5, p. 132. H.T. *typhae* Buchanan.

1727. *verruculatum* Cuvier, 1830, Regne Anim., 2 ed., 3, p. 46. Red Sea. Semper, 1882, Reise Arch. Philipp., 3, Land Moll., 6, p. 255, pl. 21, fig. 1, pl. 22, figs. 3, 4. Philippines. Bretnall, 1919, loc. cit., p. 310. Broken Bay, N.S.W.

1728. *damelii* Semper, 1882, Reise Arch. Philipp., 3, Land Moll., 6, p. 270, pl. 22, fig. 2, pl. 21, fig. 9. Sydney, N.S.W. Bretnall, 1919, loc. cit., p. 318. Allan, 1950, Aust. Shells, p. 367, text fig. 86, fig. 11.

1729. *chameleon* Brazier, 1886, Proc. Linn. Soc. N.S.W., 10, p. 729. Port Jackson, N.S.W. Bretnall, 1919, loc. cit., p. 320, pl. 38, figs. 1-4 (H.996).

ONCHIDELLA Gray, 1850, Fig. Mollusc. Anim., 2, p. 117. L.T. (Winckworth, 1932, J. of Conch., 19, p. 235) *nigricans* Quoy and Gaimard.

1730. *patelloide* Quoy and Gaimard, 1832, Voy. Astrol., Zool., 2, p. 212, pl. 15, figs. 21-23. New Zealand. Bretnall, 1919, loc. cit., p. 324. Port Jackson, N.S.W. Allan, 1950, Aust. Shells, p. 368, text fig. 86, fig. 13.

1731. *reticulata* Semper, 1882, Reise Arch. Philipp., 3, Land Moll., 6, p. 278, pl. 20, fig. 6, pl. 21, figs. 16, 20, 23, pl. 23, fig. 1. Sydney, N.S.W.

ONCHIDINA Semper, 1882, Reise Arch. Philipp., 3, Land Moll., 6, p. 287. O.T. *australis* Semper.

1732. *australis* Semper, 1882, Reise Arch. Philipp., 3, Land Moll., 6, p. 287, pl. 19, figs. 14, 15, pl. 21, fig. 27, pl. 23, fig. 10. Brisbane, Queensland. Bretnall, 1919, loc. cit., p. 325. Allan, 1950, Aust. Shells, p. 369. Sydney Harbour, N.S.W.

*Subclass* OPISTHOBRANCHIA

*Order* CEPHALASPIDEA

"PYRAMIDELLIDAE"

*Family* ODOSTOMIIDAE

*Subfamily* ODOSTOMIINAE

[Refs.:—Laseron, 1951, Rec. Aust. Mus., 22, pp. 298-330, figs. 1-98. Laseron, 1959, Aust. J. Mar. Freshw. Res., 10, pp. 177-267, figs. 1-23.]

SYRNOLA A. Adams, 1860, Ann. Mag. Nat. Hist., (3), 5, p. 405. H.T. *gracillima* A. Adams.

1733. *tincta* Angas, 1871, Proc. Zool. Soc. Lond., 1871, p. 15, pl. 1, fig. 11. Port Jackson, N.S.W. Laseron, 1951, loc. cit., p. 301, figs. 1, 2 (H.1026).

1734. *aurantiaca* Angas, 1867, Proc. Zool. Soc. Lond., 1867, p. 112, pl. 13, fig. 4. Port Jackson, N.S.W. Laseron, 1951, loc. cit., p. 301, fig. 4 (H.1022).

1735. *bifasciata* Tenison-Woods, 1876, Proc. Roy. Soc. Tasm., 1875, p. 145. South Tasmania. Laseron, 1951, loc. cit., p. 301, fig. 8 (= *jucunda* Angas, 1877, Proc. Zool. Soc. Lond., 1877, p. 173, pl. 26, fig. 10. Port Jackson, N.S.W.) (H.1023).

1736. *lata* Laseron, 1951, Rec. Aust. Mus., 22, p. 301, fig. 3. Jervis Bay, N.S.W.

1737. *jacksonensis* Laseron, 1951, Rec. Aust. Mus., 22, p. 301, fig. 5. Port Jackson, N.S.W., 15 fm.

1738. *manifesta* Hedley, 1912, Rec. Aust. Mus., 8, p. 143, pl. 42, figs. 23, 24. Port Stephens, N.S.W. Laseron, 1951, loc. cit., p. 303, fig. 6 (H.1025).

1739. *angusta* Laseron, 1951, Rec. Aust. Mus., 22, p. 303, fig. 7. Shellharbour, N.S.W.

1740. *convexa* Laseron, 1951, Rec. Aust. Mus., 22, p. 303, figs. 11, 95. Cronulla, N.S.W.

1741. *macrocephala* Hedley, 1903, Mem. Aust. Mus., 4, p. 362, fig. 85. Off Port Kembla, N.S.W., 63-75 fm. Laseron, 1951, loc. cit., p. 304, fig. 10 (H.1024).

COLSYRNOLA Iredale, 1929, Aust. Zool., 5, p. 348. O.T. *sericea* Iredale.

1742. *sericea* Iredale, 1929, Aust. Zool., 5, p. 348, pl. 38, fig. 16. Sydney Harbour, N.S.W.

1743. *decolorata* Iredale, 1936, Rec. Aust. Mus., 19, p. 322, pl. 24, fig. 14. Sydney Harbour, N.S.W. Laseron, 1951, loc. cit., p. 304, fig. 9.

AGATHA A. Adams, 1860, Ann. Mag. Nat. Hist., (3), 6, p. 422. H.T. *virgo* A. Adams.

1744. *australis* Angas, 1871, Proc. Zool. Soc. Lond., 1871, p. 15, pl. 1, fig. 9. Port Jackson, N.S.W. Laseron, 1951, loc. cit., p. 305, fig. 14 (H.1030).

1745. *angasi* Tryon, 1886, Man. Conch., 8, p. 362, pl. 79, fig. 68. New name for *Odostomia lactea* Angas, 1867, Proc. Zool. Soc. Lond., 1867, p. 112, pl. 13, fig. 11. Port Jackson, N.S.W. (not *O. lactea* Dunker, 1860). Laseron, 1951, loc. cit., p. 306, fig. 17 (H.1029).

1746. *simplex* Angas, 1871, Proc. Zool. Soc. Lond., 1871, p. 15, pl. 1, fig. 10. Port Jackson, N.S.W. Laseron, 1951, loc. cit., p. 306, fig. 16 (H.1039).

1747. *laevis* Angas, 1867, Proc. Zool. Soc. Lond., 1867, p. 112, pl. 13, fig. 10. Port Jackson, N.S.W. Laseron, 1951, loc. cit., p. 305, fig. 15 (H.1034).

Odostomia Fleming, 1813, Edinb. Encycl., 7, p. 76. L.T. (Gray, 1847, Proc. Zool. Soc. Lond., 1847, p. 157) *plicatus* Montagu.

1748. *indistincta* Brazier, 1894, Proc. Linn. Soc. N.S.W., 19, p. 171, pl. 14, fig. 7. Port Jackson, N.S.W. Laseron, 1951, loc. cit., p. 306, fig. 18 (H.1033).

1749. *microlinea* Laseron, 1951, Rec. Aust. Mus., 22, p. 307, fig. 47. Port Jackson, N.S.W.

1750. *tumerea* Laseron, 1951, Rec. Aust. Mus., 22, p. 307, fig. 45. Port Hacking, N.S.W.

1751. *stricta* Laseron, 1951, Rec. Aust. Mus., 22, p. 307, fig. 20. Port Stephens, N.S.W.

1752. *leopardis* Laseron, 1951, Rec. Aust. Mus., 22, p. 308, fig. 23. Port Jackson, N.S.W.

1753. *proletare* Laseron, 1951, Rec. Aust. Mus., 22, p. 304, fig. 13. Off Crookhaven, N.S.W., 30-35 fm.

1754. *tasmanica* Tenison-Woods, 1877, Proc. Roy. Soc. Tasm., 1876, p. 151. South Tasmania. May, 1923, Illus. Index Tasm. Shells, pl. 44, fig. 13. Laseron, 1951, loc. cit., p. 305, fig. 12. Off Clarence River, N.S.W., 15 fm.

1755. *occultidens* May, 1915, Proc. Roy. Soc. Tasm., 1915, pl. 4, fig. 19. Tasmania, 40 fm. Laseron, 1951, loc. cit., p. 307, fig. 19. Port Jackson, N.S.W.

Parodostomia Laseron, 1959, Aust. J. Mar. Freshw. Res., 10, p. 200. O.T. *compta* Brazier.

1756. *subcarina* Laseron, 1951, Rec. Aust. Mus., 22, p. 308, figs. 21, 22. Port Jackson, N.S.W.

1757. *pyramidata* Laseron, 1951, Rec. Aust. Mus., 22, p. 309, fig. 24. Port Jackson, N.S.W.

Herviera Melvill and Standen, 1899, J. of Conch., 9, p. 185. O.T. *gliriella* Melvill and Standen (= *Rugadentia* Laseron, 1951, Rec. Aust. Mus., 22, p. 309. O.T. *ignava* Hedley).

1758. *opaca* Hedley, 1906, Proc. Linn. Soc. N.S.W., 31, p. 524, pl. 33, fig. 41. Port Jackson, N.S.W. Laseron, 1951, loc. cit., p. 310, fig. 30 (H.1036).

1759. *ignava* Hedley, 1908, Proc. Linn. Soc. N.S.W., 33, p. 470, pl. 10, fig. 32. Sydney Harbour, N.S.W. Laseron, 1951, loc. cit., p. 309, fig. 25 (H.1032).

1760. *doliae* Laseron, 1951, Rec. Aust. Mus., 22, p. 309, fig. 26. Port Jackson Heads, N.S.W., 15 fm.

Elodiamea Hoyle, 1886, Zool. Rec., 22, (1885), Moll., p. 94, footnote. New name for *Elodia* Folin and Perier, 1870, Fonds de la Mer, 2, p. 175 (not *Elodia* Robineau-Desvoidy, 1863). L.T. (Laseron, 1959, loc. cit., p. 212) *elegans* Folin and Perier.

1761. *caelatura* Laseron, 1951, Rec. Aust. Mus., 22, p. 310, fig. 28. Port Jackson, N.S.W.

1762. *vincula* Laseron, 1951, Rec. Aust. Mus., 22, p. 310, fig. 29. Port Jackson, N.S.W.

1763. *gunnamatta* Laseron, 1951, Rec. Aust. Mus., p. 310, fig. 44. Port Hacking, N.S.W.

Egila Dall and Bartsch, 1904, Proc. Biol. Soc. Wash., 17, p. 11. O.T. *lacunata* Carpenter.

1764. *mayii* Tate, 1898, Trans. Roy. Soc. South Aust., 22, p. 84, pl. 4, fig. 6. South Tasmania. Laseron, 1951, loc. cit., p. 312, fig. 31. Port Stephens, N.S.W.

1765. *portseaensis* Gatliff and Gabriel, 1911, Proc. Roy. Soc. Vict., 24, (n.s.), p. 188, pl. 46, fig. 1. Portsea, Victoria. Laseron, 1951, loc. cit., p. 313, fig. 35. Manly, N.S.W. (H.1038).

Paregila Laseron, 1951, Rec. Aust. Mus., 22, p. 312. O.T. *hennii* Henn and Brazier.

1766. *hennii* Henn and Brazier, 1894, Proc. Linn. Soc. N.S.W., 19, p. 171, pl. 14, fig. 8. Port Jackson, N.S.W. Laseron, 1951, loc. cit., p. 312, fig. 32 (H.1031).

Linopyrga Laws, 1941, Trans. Proc. Roy. Soc. New Zeal., 71, pp. 6, 7. O.T. *rugata* Hutton.

1767. *pascoei* Angas, 1867, Proc. Zool. Soc. Lond., 1867, p. 112, pl. 13, fig. 12. Port Jackson, N.S.W. Laseron, 1951, loc. cit., p. 313, fig. 34 (H.1037).

1768. *kreffti* Angas 1867, Proc. Zool. Soc. Lond., 1867, p. 112, pl. 13, fig. 13. Port Jackson, N.S.W. (H.1037).

1769. *fornix* Laseron, 1951, Rec. Aust. Mus., 22, p. 313, fig. 46. Broken Bay, N.S.W.

1770. *brevis* Pritchard and Gatliff, 1900, Proc. Roy. Soc. Vict., 13, (n.s.), p. 135, pl. 21, fig. 4. Western Port, Victoria. Laseron, 1951, loc. cit., p. 313, fig. 36 (typical juvenile, Eden), fig. 37 (adult, Broken Bay, association doubtful) (H.1045).

1771. *ceria* Laseron, 1951, Rec. Aust. Mus., 22, p. 315, fig. 38. Port Jackson Heads, N.S.W., 5 fm.

1772. *pegma* Laseron, 1951, Rec. Aust. Mus., 22, p. 315, fig. 40. Port Jackson Heads, N.S.W., 15 fm.

1773. *lucida* Laseron, 1950, Rec. Aust. Mus., 22, p. 265, fig. 20 *(Haurakia)*. Manly, N.S.W. (= *Linopyrga bisculpta* Laseron, 1951, Rec. Aust. Mus., 22, p. 315, fig. 33, Port Stephens, N.S.W.).

1774. *nugatoria* Hedley, 1903, Mem. Aust. Mus., 4, p. 363, fig. 87. Off Cape Three Points, N.S.W.,

41-50 fm. Laseron, 1951, loc. cit., p. 314, fig. 39 (H. 1035).

Miralda A. Adams, 1864, J. Linn. Soc. Lond., Zool., 7, p. 3. L.T. (Dall and Bartsch, 1904, Proc. Biol. Soc. Washington, 17, p. 11) *diadema* A. Adams.

1775. *suprasculpta* Tenison-Woods, 1877, Proc. Roy. Soc. Vict., 1877, p. 57. South Tasmania. Tate and May, 1901, Proc. Linn. Soc. N.S.W., 26, p. 383, pl. 25, fig. 53, pl. 26, fig. 68. Laseron, 1951, loc. cit., p. 315, fig. 41. Port Stephens, N.S.W. (H.1040).

1776. *montuosa* Laseron, 1951, Rec. Aust. Mus., 22, p. 315, fig. 42. Port Hacking, N.S.W.

Latavia Laseron, 1951, Rec. Aust. Mus., 22, p. 315. O.T. *pulchra* Henn and Brazier.

1777. *pulchra* Henn and Brazier, 1894, Proc. Linn. Soc. N.S.W., 19, p. 170, pl. 14, fig. 6. Port Jackson, N.S.W. Laseron, 1951, loc. cit., p. 316, fig. 65 (H.1075).

1778. *tricarinata* Laseron, 1951, Rec. Aust. Mus., 22, p. 316, fig. 64. Long Reef, near Manly, N.S.W.

Laseronella Whitley, 1959, Proc. Roy. Zool. Soc. N.S.W., 1957-8, p. 60. New name for *Pandorella* Laseron, 1951, Rec. Aust. Mus., 1951, p. 316. (not *Pandorella* Conrad, 1862). O.T. *declivita* Laseron.

1779. *declivita* Laseron, 1951, Rec. Aust. Mus., 1951, p. 316, fig. 43. Port Hacking, N.S.W.

Cinctiuga Laseron, 1951, Rec. Aust. Mus., 22, p. 317. O.T. *diaphana* Verco.

1780. *diaphana* Verco, 1906, Trans. Roy. Soc. South Aust., 30, p. 143, pl. 4, fig. 11. South Australia. Laseron, 1951, loc. cit., p. 317, fig. 77. Port Jackson, N.S.W.

Hinemoa Oliver, 1915, Trans. New Zeal. Inst., 47, p. 531. O.T. *punicea* Oliver.

1781. *ligata* Angas, 1877, Proc. Zool. Soc. Lond., 1877, p. 173, pl. 26, fig. 11. Port Jackson, N.S.W. Laseron, 1951, loc. cit., p. 317, fig. 48 *(tasmanica,* not of Tenison-Woods, 1877) (H.1027).

Myxa Hedley, 1903, Mem. Aust. Mus., 4, p. 363. O.T. *exesa* Hedley.

1782. *exesa* Hedley, 1903, Mem. Aust. Mus., 4, p. 363, fig. 86. Off Cape Three Points, N.S.W., 41-50 fm. Laseron, 1951, loc. cit., p. 317, fig. 49 (H.1028).

*Subfamily* TURBONILLINAE

Turbonilla Risso, 1826, Hist. Nat. Europ. merid., 4, p. 224. L.T. (Gray, 1847, Proc. Zool. Soc. Lond., p. 152) *striata* Montagu.

1783. *scalarina* Henn and Brazier, 1894, Proc. Linn. Soc. N.S.W., 19, p. 170, pl. 14, fig. 5. Port Jackson, N.S.W. Laseron, 1951, loc. cit., p. 319, fig. 51 *(beddomei,* not of Petterd 1884) (H.1044).

1784. *scalpidens* Watson, 1886, Rep. Sci. Res. Challenger, Zool., 15, p. 489, pl. 32, fig. 1. Port Jackson, N.S.W., 2-10 fm. Hedley, 1903, Mem. Aust. Mus., 4, p. 362, fig. 54. Laseron, 1951, loc. cit., p. 319, figs. 58, 58 a (H.1052).

1785. *thornleyana* Laseron, 1951, Rec. Aust. Mus., 22, p. 320, fig. 74. Broken Bay, N.S.W.

Chemnitzia Orbigny, 1839, in Webb and Berthelot, Hist. Nat. iles Canaries, p. 77. L.T. (Dall & Bartsch, 1904, Proc. Biol. Soc. Washington, 17, p. 7) *campanellae* Philippi.

1786. *hofmani* Angas, 1877, Proc. Zool. Soc. Lond., 1877, p. 183. New name for *Turbonilla nitida* Angas, 1867, Proc. Zool. Soc. Lond., 1867, p. 112, pl. 13, fig. 9. Port Jackson, N.S.W. (not T. *nitida* A. Adams, 1860) (= *angasi* Tenison-Woods, 1878, Proc. Roy. Soc. Tasm., 1877, p. 34, also new name for *T. nitida* Angas, 1867, as above). Laseron, 1951, loc. cit., p. 320, fig. 52 (H.1050).

1787. *mariae* Tenison-Woods, 1876, Proc. Roy. Soc. Tasm., 1875, p. 144. King I., Tasmania. May, 1923, Illus. Index Tasm. Shells, pl. 44, fig. 29. Laseron, 1951, loc. cit., p. 320, figs. 53, 98 a, b, c. Jervis Bay, N.S.W. (H.1051).

1788. *gravis* Laseron, 1951, Rec. Aust. Mus., 22, p. 320, fig. 54. Broken Bay, N.S.W.

1789. *macleayana* Tenison-Woods, 1877, Proc. Roy. Soc. Tasmania for 1876, p. 151. Tasmania. May, 1923, Illus. Index Tasm. Shells, pl. 44, fig. 25 (*acicularis,* not of A. Adams, 1853). Laseron, 1951, loc. cit., p. 321, fig. 55 (*acicularis,* not of A. Adams). Port Jackson, N.S.W.

1790. *similis* Laseron, 1951, Rec. Aust. Mus., 22, p. 321, fig. 56. Port Jackson, N.S.W.

1791. *vana* Laseron, 1951, Rec. Aust. Mus., 22, p. 321, fig. 57. Port Jackson, N.S.W.

1792. *propingua* Laseron, 1951, Rec. Aust. Mus., 22, p. 321, fig. 63. Port Stephens, N.S.W.

Pyrgiscus Philippi 1841, Archiv. Naturg., 7, p. 50. L.T. (Dall and Bartsch, 1904, Proc. Biol. Soc. Washington, 17, p. 8) *rufa* Philippi.

1793. *fuscus* A. Adams, 1855, Proc. Zool. Soc. Lond., 1853, p. 181. Port Lincoln, South Australia (= *Turbonilla festiva* Angas, 1877, Proc. Zool. Soc. Lond., 1877, p. 35, pl. 5, fig. 4. Port Jackson, N.S.W. (not T. *festiva* Folin, 1867, Les Meleagrinicoles, p. 49)). Laseron, 1951, loc. cit., p. 322, fig. 59 (H.1049).

1794. *infans* Laseron, 1951, Rec. Aust. Mus., 22, p. 322, fig. 60. Port Hacking, N.S.W.

1795. *hedleyi* Laseron, 1951, Rec. Aust. Mus., 22, p. 322, fig. 61. Crookhaven Heads, N.S.W.

1796. *pinguis* Laseron, 1951, Rec. Aust. Mus., 22, p. 323, fig. 73. Botany Bay, N.S.W.

1797. *flexicosta* Laseron, 1951, Rec. Aust. Mus., 22, p. 323, fig. 92. Broken Bay, N.S.W.

1798. *varicifer* Tate, 1898, Trans. Roy. Soc.

South Aust., 22, p. 85, pl. 4 bis., fig. 7. South Tasmania. Laseron, 1951, loc. cit., p. 323, fig. 62. Jervis Bay, N.S.W. (H.1053).

1799. *gravicosta* Laseron, 1951, Rec. Aust. Mus., 22, p. 324, fig. 50. Broken Bay, N.S.W.

PYRGISCILLA Laws, 1937, (March), Trans. Proc. Roy. Soc. New Zeal., 66, p. 405. L.T. (id. ib., 67, (Sept.), p. 172) *chattonensis* Marwick.

1800. *kitcheni* Laseron, 1951, Rec. Aust. Mus., 22, p. 324, fig. 94. Port Jackson, N.S.W., 6 fm.

PSEUDORISSOINA Tate and May, 1900, Trans. Roy. Soc. South Aust., 24, p. 98. O.T. *tasmanica* Tenison-Woods.

1801. *elegans* Hedley, 1905, Rec. Aust. Mus., 6, p. 51, fig. 17. Off Cape Byron, N.S.W., 111 fm. Laseron, 1951, loc. cit., p. 327, fig. 89 (H.1067).

1802. *exigua* Hedley, 1903, Mem. Aust. Mus., 4, p. 361, fig. 83. Off Cape Three Points, N.S.W., 41-50 fm. Laseron, 1951, loc. cit., p. 327, fig. 88 (H.1068).

1803. *exserta* Laseron, 1951, Rec. Aust. Mus., 22, p. 329, fig. 27. Off Crookhaven, N.S.W., 30-35 fm.

CINGULINA A. Adams, 1860, Ann. Mag. Nat. Hist., (3), 6, p. 414. O.T. *circinata* A. Adams.

1804. *spina* Crosse and Fischer, 1864, J. de Conch., 12, p. 347. Id. ib. 1865, 13, p. 44, pl. 3, figs. 13-14. St. Vincent Gulf, South Australia. Laseron, 1951, loc. cit., p. 327, fig. 75 (H.1018).

1805. *brazieri* Angas, 1877, Proc. Zool. Soc. Lond., 1877, p. 35, pl. 5, fig. 5. Port Jackson, N.S.W. (= *Terebra hedleyi* Smith, 1890, Proc. Linn. Soc. N.S.W., 29, p. 211. Laseron, 1951, loc. cit., p. 327, fig. 76 (*circinata*, not of A. Adams 1860) (H.1017).

*Family* MATHILDIDAE

[Ref.:—Laseron, 1951, Rec. Aust. Mus., 22, pp. 330-333, figs. 78-86 (not 91).]

EUCHARILDA Iredale, 1929, Rec. Aust. Mus., 17, p. 187. O.T. *elegantula* Angas.

1806. *elegantula* Angas, 1871, Proc. Zool. Soc. Lond., 1871, p. 15, pl. 1, fig. 8. Port Jackson, N.S.W. (H.1021).

1807. *pleurorbis* Laseron, 1951, Rec. Aust. Mus., 22, p. 331, fig. 84. Manly, N.S.W.

OPIMILDA Iredale, 1929, Rec. Aust. Mus., 17, p. 187. O.T. *decorata* Hedley.

1808. *decorata* Hedley, 1903, Mem. Aust. Mus., 4, p. 352, fig. 75. Off Port Kembla, N.S.W., 63-75 fm. (H.1019).

1809. *protolineata* Laseron, 1951, Rec. Aust. Mus., 22, p. 331, fig. 81, Manly, N.S.W.

1810. *porrigata* Laseron, 1951, Rec. Aust. Mus., 22, p. 332, fig. 82. Off Point Halliday, N.S.W., 8-10 fm.

1811. *fastigia* Laseron, 1951, Rec. Aust. Mus., 22, p. 332, fig. 83. Port Stephens, N.S.W.

CHARILDA Iredale, 1929, Rec. Aust. Mus., 17, p. 187. O.T. *rosae* Hedley.

1812. *rosae* Hedley, 1901, Proc. Linn. Soc. N.S.W., 25, p. 721, pl. 48, figs. 13-14. Port Jackson, N.S.W. (H.1020).

MATHILDONA Iredale, 1929, Rec. Aust. Mus., 17, p. 186. O.T. *euglypta* Iredale.

1813. *euglypta* Iredale, 1929, Rec. Aust. Mus., 17, p. 186, pl. 40, fig. 6. Off Montagu I., N.S.W., 50-60 fm.

*Family* PUPIDAE (ACTEONIDAE)

ACTEON Montfort, 1810, Conch. Syst., 2, pp. 314-315. O.T. *tornatilis* Gmelin.

1814. *roseus* Hedley, 1906, Proc. Linn. Soc. N.S.W., 30, p. 535, pl. 33, fig. 42. Sydney Harbour, N.S.W. (H.1005).

1815. *subroseus* Iredale, 1936, Rec. Aust. Mus., 19, p. 330, pl. 24, fig. 25. Off Montagu I., N.S.W., 60-70 fm.

1816. *dolichoroseus* Iredale, 1936, Rec. Aust. Mus., 19, p. 330, pl. 24, fig. 27. Sydney Harbour, N.S.W.

1817. *fructuosus* Iredale, 1936, Rec. Aust. Mus., 19, p. 330, pl. 24, fig. 28. Off Green Cape, N.S.W., 70 fm.

PUPA Bolten-Roding, 1798, Mus. Bolten., 2, p. 110. L.T. (Suter 1913, Man. New Zeal. Moll., p. 518) *solidula* Linne (= *Solidula* Fischer as used by Allan, 1950, Aust. Shells, p. 201).

1818. *nitidula* Lamarck, 1816, Ency. Meth., Vers, 1, Liste, p. 11, for Ency. Meth., pl. 452, figs. 2 a, b. "Mauritius" fide Lamarck, 1822, Hist. Anim. s. Vert., 6, (2), p. 22.

1819. *fumata* Reeve, 1865, Conch. Icon., 15, *Tornatella*, pl. 3, fig. 10. Sydney Harbour, N.S.W. (= *affinis* Watson, 1886, Rep. Sci. Res. Challenger, Zool., 15, p. 630, pl. 47, fig. 1. Port Jackson, N.S.W. (H.1006).

1820. *roseomaculata* Iredale, 1936, Rec. Aust. Mus., 19, p. 331, pl. 24, fig. 29. Sydney Harbour, N.S.W. (H.1007).

1821. *nivea* Angas, 1871, Proc. Zool. Soc. Lond., 1871, p. 19, pl. 1, fig. 27. Port Jackson, N.S.W. (H.1008).

1822. *tragulata* Iredale, 1936, Rec. Aust. Mus., 19, p. 331, pl. 24, fig. 23. Off Sydney, N.S.W., 75-85 fm.

1823. *austrinus* Watson, 1883, J. Linn. Soc. Lond., Zool., 7, p. 286. Bass Strait, 38-40 fm. Id. 1886, Rep. Sci. Res. Challenger, Zool., 15, p. 628, pl. 47, fig. 2. ? juvenile, indeterminate (H.1004).

LEUCOTINA A. Adams, 1860, Ann. Mag. Nat. Hist., (3), 5, p. 406. H.T. *niphonensis* A. Adams.

1824. *amoena* A. Adams, 1853, Proc. Zool. Soc. Lond., 1851, p. 223. Bolinaeo, Philippine Islands, 10 fm. A. Adams, 1854, Thes. Conch. (Sowerby), 2, p. 818, pl. 172, fig. 21 (H.1009).

1825. *concinna* A. Adams, 1854, Thes. Conch. (Sowerby), 2, p. 819, pl. 172, fig. 3. Moreton Bay, Queensland (= *pura* id. ib., p. 820, pl. 172, fig. 23. "New Zealand" = Port Jackson, N.S.W.) (H.1011).

1826. *esther* Angas, 1867, Proc. Zool. Soc. Lond., 1867, p. 116, pl. 13, fig. 31. Port Jackson, N.S.W. (H.1013).

1827. *speciosa* A. Adams, 1854, Thes. Conch. (Sowerby), 2, p. 818, pl. 172, figs. 24-25. Philippine Islands (H.1014).

1828. *micra* Pritchard and Gatliff, 1900, Proc. Roy. Soc. Vict., 13, (n.s.), p. 134, pl. 21, fig. 1. Victoria. May, 1923, Illus. Index Tasm. Shells, pl. 44, fig. 3. Tasmania (H.1012).

1829. *sinuata* Angas, 1877, Proc. Zool. Soc. Lond., 1877, p. 39, pl. 5, fig. 18. Port Jackson, N.S.W. (H.1015).

### *Family* RETUSIDAE

Retusa Brown, 1827, Illus. Conch. Gt. Brit., expl. to pl. 38. H.T. *truncatula* Bruguiere.

1830. *apicina* Gould, 1859, Proc. Boston Soc. Nat. Hist., 7, p. 139. Port Jackson, N.S.W. (= *brenchleyi* Angas, 1877, Proc. Zool. Soc. Lond., 1877, p. 40, pl. 5, fig. 20. Off Port Jackson Heads, N.S.W., 10 fm.; = *avenarius* Watson, 1886, Rep. Sci. Res. Challenger, Zool., 15, p. 658, pl. 9, fig. 5. Port Jackson, N.S.W.) (H.1087).

1831. *exserta* Hedley, 1903, Mem. Aust. Mus., 4, p. 393, fig. 108. Off Manning River, N.S.W., 22 fm. (H.1088).

1832. *hofmani* Angas, 1877, Proc. Zool. Soc. Lond., 1877, p. 39, pl. 5, fig. 19. Port Jackson, N.S.W. (H.1089).

Cylichnina Monterosato, 1884, Nom. gen. e. spec. Medit., p. 143. L.T. (Bucquoy, Dautzenberg and Dollfuss, 1886, Moll. Rousillon, 1, p. 525) *umbilicata* Montagu.

1833. *atkinsoni* Tenison-Woods, 1877, Proc. Roy. Soc. Tasm., 1876, p. 152. South Tasmania. May, 1903, Proc. Roy. Soc. Tasm., 1902, p. 113, fig. 6 (type) (H.1090).

1834. *iredaleana* Hedley, 1915, Proc. Linn. Soc. N.S.W., 39, p. 752, pl. 85, figs. 93-94. Port Jackson, N.S.W. (H.1091).

Volvulella Newton, 1891, Syst. List. Brit. Olig. Moll., p. 268. New name for *Volvula* A. Adams, 1850, Thes. Conch. (Sowerby), 2, p. 558 (not *Volvula* Gistel, 1848). L.T. (Bucquoy, Dautzenberg and Dollfuss, 1886, Moll. Rousillon, 1, p. 533) *rostrata* A. Adams.

1835. *parata* Iredale, 1936, Rec. Aust. Mus., 19, p. 332. Based on Hedley, 1903, Mem. Aust. Mus., 4, p. 394, fig. 109. South Australia (*rostrata*, not of A. Adams, 1850 as above) (H.1092).

1836. *tragula* Hedley, 1903, Mem. Aust. Mus., 4, p. 395, fig. 110. Off Port Kembla, N.S.W., 63-75 fm. (H.1093).

### *Family* RINGICULIDAE

Ringiculadda Iredale, 1936, Rec. Aust. Mus., 19, p. 332. O.T. *semisculpta* Hedley.

1837. *semisculpta frigidula* Iredale, 1936, Rec. Aust. Mus., 19, p. 332. Off Sydney, N.S.W., 110 fm. Not figured. Cf. *semisculpta* Hedley, 1911, Zool. Res. Endeavour, 1909-10, 1, p. 113, pl. 20, figs. 39-40. South of Cape Wiles, South Australia, 100 fm.

1838. *denticulata* Gould, 1860, Proc. Bost. Soc. Nat. Hist., 7, p. 324, Port Jackson, N.S.W. Hedley, 1915, Proc. Linn. Soc. N.S.W., 39, p. 753, pl. 85, fig. 95 (H.1094).

1839. *doliaris* Gould, 1860, Proc. Boston Soc. Nat. Hist., 7, p. 325. Hakodadi Bay, Japan. Watson, 1886, Rep. Sci. Res. Challenger, Zool., 15, p. 634, pl. 47, fig. 8. Port Jackson, N.S.W. (H.1095).

Pugnus Hedley, 1896, Rec. Aust. Mus., 2, p. 106. O.T. *parvus* Hedley.

1840. *parvus* Hedley, 1896, Rec. Aust. Mus., 2, p. 106, pl. 23, fig. 1. Manly, N.S.W. (H.1096).

### *Family* SCAPHANDRIDAE

Scaphander Montfort, 1810, Conch. Syst., 2, p. 335. O.T. *lignarius* Linne.

1841. *illecebrosus* Iredale, 1925, Rec. Aust. Mus., 14, p. 269, pl. 42, fig. 14. E. of Babel I., Bass Strait, 65 fm.

Adamnestia Iredale, 1936, Rec. Aust. Mus., 19, p. 333. O.T. *peroniana* Iredale (= *regularis* Gould).

1842. *regularis* Gould, 1859, Proc. Boston Soc. Nat. Hist., 7, p. 140. Port Jackson, N.S.W. (= *peroniana* Iredale, 1936, Rec. Aust. Mus., 19, p. 333. Port Jackson, N.S.W. Allan, 1950, Aust. Shells, p. 202, text fig. 45, fig. 6) (H.1097).

1843. *protumida* Hedley, 1903, Mem. Aust. Mus., 4, p. 396, fig. 112. Off Cape Three Points, N.S.W., 41-50 fm. (H.1100).

1844. *tenuis* Hedley, 1905, Rec. Aust. Mus., 6, p. 54, fig. 22. Off Cape Byron, New South Wales, 111 fm. (H.1101).

1845. *thetidis* Hedley, 1903, Mem. Aust. Mus., 4, p. 395, fig. 111. Off Manning River, N.S.W., 22 fm. (H.1102).

Ventomnestia Iredale, 1936, Rec. Aust. Mus., 19, p. 333. O.T. *colorata* Iredale.

1846. *colorata* Iredale, 1936, Rec. Aust. Mus., 19, p. 333, pl. 24, fig. 21. Sydney Harbour, N.S.W.

*Family* ATYIDAE

ATYS Montfort, 1810, Conch. Syst., 2, p. 343. O.T. *cymbulus* Montfort (= *naucum* Linne).

1847. *naucum* Linne, 1758, Syst. Nat., 10 ed., p. 726. Amboina. Rumph, 1741, Amboin. Rariteitk., pl. 27, f. H. A. Adams, 1850, Thes. Conch (Sowerby), 2, p. 584, pl. 124, figs. 107-109. (Philippine Is.) Iredale, 1929, Aust. Zool., 5, p. 348. Sydney Harbour, N.S.W.

SPISSITYDEUS Iredale, 1936, Rec. Aust. Mus., 19, p. 329. O.T. *pransus* Hedley.

1848. *pransus* Hedley, 1904, Proc. Linn. Soc. N.S.W., 29, p. 191, pl. 9, figs. 21-22. Off Wollongong, N.S.W., 100 fm.

LIMULATYS Iredale, 1936, Rec. Aust. Mus., 19, p. 328. O.T. *reliquus* Iredale.

1849. *reliquus* Iredale, 1936, Rec. Aust. Mus., 19, p. 328, pl. 24, fig. 20. Sydney Harbour, N.S.W.

1850. *elegans* Angas, 1877, Proc. Zool. Soc. Lond., 1877, p. 175, pl. 26, fig. 19. Port Stephens, N.S.W. (H.1098).

TEPIDATYS Iredale, 1936, Rec. Aust. Mus., 19, p. 329. O.T. *tremens* Iredale.

1851. *tremens* Iredale, 1936, Rec. Aust. Mus., 19, p. 329. Sydney Harbour, N.S.W. (Not figured, compare with preceding).

*Family* BULLIDAE

BULLA Linne, 1758, Syst. Nat., 10 ed., p. 725. T.N.C. *ampulla* Linne.

1852. *selina* Iredale, 1929, Aust. Zool., 5, p. 349, pl. 38, fig. 1. Sydney Harbour, N.S.W. (H.1103).

QUIBULLA Iredale, 1929, Aust. Zool., 5, p. 349. O.T. *botanica* Hedley.

1853. *botanica* Hedley, 1918, J. Roy. Soc. N.S.W., 51, Suppl., p. M.104. New name for *Bulla australis* Gray, 1825, Ann. Philos. (Thomson), 25, p. 408. Sydney Harbour, N.S.W. (not *B. australis* Ferussac 1822). Iredale, 1929, Aust. Zool., 5, p. 349, pl. 38, fig. 4 (H.1104).

1854. *ovulum* Angas, 1867, Proc. Zool. Soc. Lond., 1867, p. 227, ex Gould Ms. Port Jackson, N.S.W. Sowerby, 1868, Conch. Icon (Reeve), 16, *Bulla*, pl. 2, fig. 5 (= *angasi* Pilsbry, 1893, Man. Conch. (Tryon), 15, p. 347, pl. 36, figs. 32-33. Port Jackson, N.S.W.) (H.1106).

CYLINDROBULLA Fischer, 1857, J. de Conch., 5, p. 275. H.T. *beauii* Fischer.

1855. *fischeri* A. Adams and Angas, 1864, Proc. Zool. Soc. Lond., 1864, p. 37. South Australia. Hedley, 1903, Proc. Linn. Soc. N.S.W., 27, p. 604, pl. 29, figs. 8-9 (H.1107).

*Family* AKERIDAE

AKERA Muller, 1776, Prod. Zool. Dan., 29, p. 242. H.T. *bullata* Muller.

1856. *soluta* Gmelin, 1791, Syst. Nat., pt. 6, p. 3434. Zanzibar. Chemnitz, 1788, Conch. Cab., 10, p. 123, pl. 46, figs. 1359-1361. Pilsbry, 1893, Man. Conch. (Tryon), 15, p. 378, pl. 42, fig. 18. Colman, 1958, Proc. Roy. Zool. Soc. N.S.W., 1956-7, p. 88, fig. 1. Botany Bay, N.S.W. (H.1108).

LILOA Pilsbry, 1921, Proc. Acad. Nat. Sci. Philad., 72, p. 367. O.T. *tomaculum* Pilsbry.

1857. *brevis* Quoy and Gaimard, 1833, Voy. Astrol., Zool., 2, p. 358, pl. 26, figs. 36-37. King George's Sound, Western Australia (H.1109).

1858. *cuticulifera* Smith, 1872, Ann. Mag. Nat. Hist., (4), 9, p. 350. Port Jackson, N.S.W. Id., 1884, Zool. Voy. Alert, p. 87, pl. 6, fig. 11 (H.1111).

1859. *tenera* A. Adams, 1850, Thes. Conch. (Sowerby), 2, p. 583, pl. 124, fig. 103. Indian Ocean. Angas, 1871, Proc. Zool. Soc. Lond., 1871, p. 98. Port Jackson, N.S.W. (H.1112).

PENTHOMINEA Iredale, 1929, Aust. Zool., 5, p. 351. O.T. *wallisii* Gray.

1860. *wallisii* Gray, 1825, Ann. Philos. (Thomson), 25, p. 408. Sydney Harbour, N.S.W. Allan, 1950, Aust. Shells, p. 200, text fig. 45, fig. 9 (H.1110).

*Family* HYDATINIDAE

HYDATINA Schumacher, 1817, Essai nouv. Syst. Test, p. 57. H.T. *physis* Linne.

1861. *physis* Linne, 1758, Syst. Nat., 10 ed., p. 727. West Indies. For Argenville, 1742, La Conchyl., p. 304, pl. 20, fig. 1. A. Adams, 1850, Thes. Conch. (Sowerby), 2, p. 565, pl. 120, figs. 9-11 (H.1117).

HYDATORIA Iredale, 1936, Rec. Aust. Mus., 19, p. 334. O.T. *cinctoria* Perry.

1862. *cinctoria* Perry, 1811, Conchology, pl. 40, fig. 1. No loc. (= *albocincta* de Hoven, 1839, Tyds. nat. Gesch. Phys., Leyden, 6, p. 246, pl. 10. Japan). A. Adams, 1850, Thes. Conch. (Sowerby), 2, p. 566, pl. 120, figs. 17-20. China (H.1114).

1863. *zonata* Solander, 1786, Cat. Portland Mus., p. 164, lot 3661. Based on Born, 1780, Mus. Caes, Vindob., p. 204, pl. 9, fig. 1. Asia (= *circulata* Martyn, 1784, Univ. Conch., pl. 95 *non-binomial*) (H.1115).

AUSTRODIAPHANA Pilsbry, 1895, Man. Conch. (Tryon), 15, p. 287. H.T. *brazieri* Angas.

1864. *brazieri* Angas, 1877, Proc. Zool. Soc. Lond., 1877, p. 175, pl. 26, fig. 20. Port Jackson, N.S.W. (H.1113).

NOALDA Iredale, 1936, Rec. Aust. Mus., 19, p. 334. O.T. *exigua* Hedley.

1865. *exigua* Hedley, 1912, Rec. Aust. Mus., 8, p. 158, pl. 45, fig. 46. Port Jackson, N.S.W. (H.1116).

Bullina Ferussac, 1821, Tab. Syst. Anim. Moll., p. xxx. L.T. (Pilsbry, 1894, Man. Conch. (Tryon), 15, p. 175) *scabra* Gmelin 1791, (preocc. by *Bulla scabra* Muller, 1774) = *lineata* Gray (= *Bullinula* Sowerby, 1839, Conch. Man., 1st ed., p. 15. H.T. *lineata* Gray).

1866. *lineata* Gray, 1825, Ann. Philos. (Thomson), 25, p. 408. Sydney, N.S.W. Wood, 1828, Suppl. Index Test, p. 9, *Bulla*, pl. 3, fig. 1. New Holland (H.1118).

1867. *melior* Iredale, 1929, Aust. Zool., 5, p. 350, pl. 37, fig. 7. Sydney Harbour, N.S.W.

Perbullina Iredale, 1929, Aust. Zool., 5, p. 350. O.T. *errans* Iredale.

1868. *errans* Iredale, 1929, Aust. Zool., 5, p. 350, pl. 37, fig. 6. Sydney Harbour, N.S.W.

Micromelo Pilsbry, 1893, Man. Conch. (Tryon), 15, p. 391. O.T. *undata* Bruguiere.

1869. *guamensis* Quoy and Gaimard, 1825, Voy. Uranie and Physic., Zool., p. 423, pl. 66, figs. 10-12. Guam. Henn 1896, Proc. Linn. Soc. N.S.W., 20, p. 520. Sydney Harbour, N.S.W. (H.1119).

Aplustrum Schumacher, 1817, Essai nouv. Syst. Test., pp. 63, 208. H.T. *fasciatum* Schumacher = *amplustre* Linne.

1870. *amplustre* Linne, 1758, Syst. Nat., 10 ed., p. 727. Based on Gualtier, 1742, Ind. test. conch., pl. 13, fig. FF. Asia. Allan, 1950, Aust. Shells, p. 201, fig. 2 a.

*Family* PHILINIDAE

Philine Ascanius, 1772, K. Vet. Acad. Handl. (Stockh.), 33, p. 331. H.T. *aperta* Linne.

1871. *angasi* Crosse and Fischer, 1865, J. de Conch., 13, p. 38, pl. 2, fig. 8. St. Vincent Gulf, South Australia (H.1120).

1872. *oscitans* Hedley, 1907, Rec. Aust. Mus., 6, p. 361, pl. 67, fig. 17. Off Sydney, N.S.W., 800 fm. (H.1121).

1873. *teres* Hedley, 1903, Mem. Aust. Mus., 4, p. 398, fig. 113. Off Cape Three Points, N.S.W., 41-50 fm. (H.1122).

1874. *trapezia* Hedley, 1902, Proc. Linn. Soc. N.S.W., 26, p. 704, pl. 34, figs. 22-24. Sydney Harbour, N.S.W. (H.1123).

1875. *columnaria* Hedley and May, 1908, Rec. Aust. Mus., 7, p. 123, pl. 24, figs. 25-26. Off Cape Pillar, Tasmania, 100 fm.

1875a. *burrowsi* Burn, 1961, Proc. Roy. Zool. Soc. N.S.W., 1958-9, p. 131, figs. 1 a, b, 2 a, b, c, 3 a, b. Brisbane Water, Broken Bay, N.S.W.

*Family* DORIDIIDAE

Doridium Meckel, 1809, Beytr. Vergl. Anat., 2, p. 33. L.T. (Gray, 1847, Proc. Zool. Soc. Lond., 1847, p. 161) *membranaceum* Meckel (= *Aglaia* Renier, 1804, non-binomial).

1876. *taronga* Allan, 1933, Rec. Aust. Mus., 18, p. 444, pl. 56, figs. 1-3. Sydney Harbour, N.S.W. Allan, 1950, Aust. Shells, p. 217.

1877. *cyanea* Martens, 1880, Monatsb. K. Akad. Wissens. Berlin, 1879, p. 738. Inhambane, East Africa. Allan, 1950, Aust. Shells, p. 217, figs. 3, 4, 5. Sydney, N.S.W.

Philinopsis Pease, 1860, Proc. Zool. Soc. Lond., 1860, pp. 21, 28. L.T. (here designated) *speciosa* Pease.

1878. *sanguinea* Allan, 1933, Rec. Aust. Mus., 18, p. 445, pl. 56, figs. 6-8. Long Reef, near Sydney, N.S.W.

Chelidonura A. Adams, 1850, Thes. Conch. (Sowerby), 2, p. 561. H.T. *hirundinina* Quoy and Gaimard.

1879. *adamsi* Angas 1867, Proc. Zool. Soc. Lond., 1867, p. 116, pl. 13, fig. 32. Port Jackson, N.S.W. Allan, 1950, Aust. Shells, p. 217, col. pl. 28, fig. 3 (H.1143).

1880. *fulvipunctata* Baba, 1938, J. Dept. Agric. Kyushu Imp. Univ., 6, p. 3, fig. 1. Seto, Kii, Middle Japan. Allan, 1950, Aust. Shells, p. 218, fig. 1. Angourie, N. N.S.W.

*Order* PTEROPODA

*Suborder* THECOSOMATA

[Ref.:—Pelseneer, 1887, Rep. Sci. Res. Challenger, Zool., 23, pp. 1-132, pls. 1-2.]

*Family* CAVOLINIDAE

Cavolina Abildgaard, 1791, Skr. Nat. Selsk. (Kjobenhavn), 1, heft 2, p. 175. H.T. *natans* Abildgaard.

1881. *gibbosa* Orbigny, 1836, Voy. Amer. Merid., 5, p. 95, pl. 5, figs. 16, 20. Atlantic Ocean. Pelseneer, 1887, loc. cit., p. 82. Angas, 1877, Proc. Zool. Soc. Lond., 1877, p. 178. N.S.W. (H.1124).

1882. *globulosa* Gray, 1850, Cat. Moll. Brit. Mus., pt. 2, p. 8. Atlantic Ocean. Rang, 1850, Voy. Bonite, Moll., pl. 4, figs. 22-24. Indian Ocean (= *pisum* Morch, 1850, Cat. Conch. Kierulf, p. 32, pl. 1, fig. 7. Philippine Is.). Pelseneer, 1887, loc. cit., p. 81. Melbourne to Sydney, Aust. Brazier, 1892, Cat. Mar. Shells Aust., Tas., pt. 2, p. 37. Port Jackson, N.S.W. (H.1125).

1883. *inflexa* Lesueur, 1813, Nouv. Bull. Soc. Philom. Paris, 3, pl. 5, fig. 3. All seas. Angas, 1877, Proc. Zool. Soc. Lond., 1877, p. 178. Port Jackson, N.S.W. May, 1923, Illus. Index Tasm. Shells, pl. 47, fig. 1 (H.1126).

1884. *longirostris* Blainville, 1821, Dict. Sci. Nat. (Levr.), 22, p. 81. Atlantic Ocean. Orbigny, 1836, loc. cit., 5, p. 100, pl. 6, figs. 6-10. Pelseneer, 1887, loc. cit., p. 79. Angas, 1877, Proc. Zool. Soc. Lond., 1877, p. 178. Port Jackson, N.S.W. (= *angulata* Souleyet, 1852, Voy. Bonite, Zool., 2, p. 152, pl. 5, figs. 1-6. Atlantic Ocean) (H.1127).

1885. *strangulata* Hedley, 1907, Rec. Aust. Mus., 6, p. 299, pl. 54, fig. 13. Off Narrabeen, N.S.W., 80 fm. (H.1128).

1886. *telemus* Linne, 1758, Syst. Nat., 10 ed., p. 635. Algeria. Pelseneer, 1887, loc. cit., p. 83 (*tridentata* Forskal, non-binomial). Melbourne to Sydney, Aust. May, 1923, Illus. Index Tasm. Shells, pl. 47, fig. 2. Allan, 1950, Aust. Shells, p. 205, fig. 5 (H.1129).

1887. *uncinata* Orbigny, 1836, Voy. Amer. Merid., 5, p. 93, pl. 5, fig. 11. Atlantic Ocean. Pelseneer, 1887, loc. cit. p. 84. Melbourne to Sydney, Aust. Dakin and Colefax, 1940, Publ. Syd. Univ. Zool., Mon. 1, p. 207, figs. 297 a, b. N.S.W. Allan, 1950, Aust. Shells, p. 205 (H.1130).

DIACRIA Gray, 1847, Proc. Zool. Soc. Lond., 1847, p. 203. O.T. *trispinosa* Blainville.

1888. *trispinosa* Blainville, 1821, Dict. Sci. Nat. (Levr.), 22, p. 82. West Indian Seas (= *mucronata* Quoy and Gaimard, 1827, Ann. Sci. Nat., (1), 10, p. 231, pl. 8B, figs. 1, 2). Orbigny, 1836, loc. cit., 5, p. 106, pl. 7, figs. 1-5, pl. 20, figs. 1-2. Angas, 1877, Proc. Zool. Soc. Lond., 1877, p. 178. Port Jackson, N.S.W. Pelseneer, 1887, loc. cit. p. 76. Melbourne to Sydney, Aust. May, 1923, Illus. Index Tasm. Shells, pl. 47, fig. 3. Allan, 1950, Aust. Shells, p. 205, text fig. 1 (H.1132).

1889. *quadridentata* Blainville, 1821, Dict. Sci. Nat. (Levr.), 22, p. 81. Atlantic Ocean. Orbigny, 1836, loc. cit., 5, p. 98, pl. 6, figs. 1-5 (= *costata* Pfeffer, 1879, Monatsb. K. Akad., Wiss. Berlin, p. 239. Indian Ocean). Pelseneer, 1887, loc. cit., p. 78. Angas, 1877, Proc. Zool. Soc. Lond., 1877, p. 178. Port Jackson, N.S.W. (H.1131).

*Family* SPIRATELLIDAE

SPIRATELLA Blainville, 1817, Dict. Sci. Nat. (Levr.), 9, p. 407. H.T. *helicina* Phipps (= *Limacina* Lamarck, 1819, Hist. Anim. s. Vert., 6, (1), p. 291. H.T. *helicialis* (= *helicina* Gmelin (= Phipps).

1890. *bulimoides* Orbigny, 1836, Voy. Amer. Merid., 5, p. 179, pl. 12, figs. 36-38. Atlantic Ocean. Pelseneer, 1887, loc. cit., p. 30. Melbourne to Sydney, Aust. Angas, 1877, Proc. Zool. Soc. Lond., 1877, p. 99. Botany Bay, N.S.W. (H.1133).

1891. *lesueuri* Orbigny, 1836, Voy. Amer. Merid., 5, p. 179, pl. 20, figs. 12, 15. Atlantic Ocean. Pelseneer, 1887, loc. cit., p. 24. Melbourne to Sydney, Aust. Whitelegge, 1889, J. Roy. Soc. N.S.W., 23, p. 280. Broken Bay, etc., N.S.W. (H.1135).

1892. *trochiformis* Orbigny, 1836, Voy. Amer. Merid., 5, p. 177, pl. 12, figs. 29-31. Atlantic Ocean. Pelseneer, 1887, loc. cit., p. 29. Melbourne to Sydney, Aust. Whitelegge, 1889, J. Roy. Soc. N.S.W., 23, p. 280. Broken Bay, etc., N.S.W.

1893. *retroversa* Fleming, 1823, Mem. Wern. Nat. Hist. Soc., 4, p. 498, pl. 15, fig. 2. Atlantic Ocean. Hedley, 1903, Mem. Aust. Mus., 4, p. 399 (*trochiformis*, not of Orbigny 1836) (H.1136).

1894. *inflata* Orbigny, 1836, Voy. Amer. Merid., 5, p. 17, pl. 12, figs. 16-17. Mid Atlantic Ocean. Pelseneer, 1887, loc. cit., p. 18, Melbourne to Sydney, Aust. May, 1923, Illus. Index Tasm. Shells, pl. 47, fig. 5. Whitelegge, 1889, J. Roy. Soc. N.S.W., 23, p. 280. Broken Bay, etc., N.S.W. (H.1134).

*Family* CLIOIDAE

CLIO Linne, 1767, Syst. Nat., 12 ed., p. 1094. L.T. (Gray, 1847, Proc. Zool. Soc. Lond., 1847, p. 203) *pyramidata* Linne.

1895. *pyramidata* Linne, 1767, 12 ed., p. 1094. Atlantic Ocean. Brown, 1756, Jam., p. 386, pl. 43, fig. 1. Pelseneer, 1887, loc. cit., p. 63. Off Sydney, N.S.W., 950 fm. May, 1923, Illus. Index Tasm. Shells, pl. 47, fig. 4. Allan, 1950, Aust. Shells, p. 205, text fig. 1 (H.1137).

HYALOCYLIS Fol, 1875, Arch. Zool. Exper. (Paris), 4, p. 177. O.T. *striata* Rang.

1896. *striata* Rang, 1828, Ann. Sci. Nat. Paris, 13, p. 315, pl. 17, fig. 3. Atlantic Ocean. Pelseneer, 1887, loc. cit., p. 55. N.S.W. Dakin and Colefax, 1940, Publ. Univ. Syd. Zool., Mon. 1, p. 207, fig. 294. N.S.W. (H.1140).

STYLIOLA Gray, 1847, Proc. Zool. Soc. Lond., 1847, p. 203 (ex "Styliole Lesueur" in Blainville, 1827, Man. Malac., Suppl., p. 655). O.T. *recta* Blainville.

1897. *subula* Quoy and Gaimard, 1827, Ann. Sci. Nat. Parris, (1), 10, p. 233, pl. 8d, figs. 1-3. Teneriffe. Pelseneer, 1887, loc. cit., p. 57. Off Sydney, N.S.W., 950 fm. (H.1141).

CRESEIS Rang, 1828, Ann. Sci. Nat. Paris, 13, p. 302. L.T. (Gray 1847, Proc. Zool. Soc. Lond., 1847, p. 203) *acus* Eschscholtz = *virgula* Rang.

1898. *virgula* Rang, 1828, Ann. Sci. Nat. Paris, 13, p. 316, pl. 17, fig. 2. Atlantic Ocean. Pelseneer, 1887, loc. cit., p. 48. Off Sydney, N.S.W., 950 fm. May, 1923, Illus. Index Tasm. Shells, pl. 47, fig. 6. Allan, 1950, Aust. Shells, p. 205 (H.1139).

1899. *acicula* Rang 1828, Ann. Sci. Nat. Paris, 13, p. 318, pl. 17, fig. 6. Indian Ocean. Pelseneer, 1887, loc. cit., p. 51. Off Sydney, N.S.W., 950 fm. Allan, 1950, Aust. Shells, p. 204, text fig. 3.

VAGINELLA Daudin, 1800, Bull. Soc. Philom. Paris, p. 145. H.T. *depressa* Daudin (= *Cuvierina* Boas, 1886, Spolia Atlantica, p. 131. New name for *Cuvieria* Rang, 1827, Ann. Sci. Nat. Paris, 12, p. 322. H.T. *columnella*

Rang (not *Cuvieria* Peron and Lesueur, 1807)).

1900. *urceolaris* Morch, 1850, Cat. Conch. Kierulf, p. 32, pl. 1, fig. 8. Philippine Is. Allan, 1950, Aust. Shells, p. 205, text fig. 4 (? = *Triptera rosea* Quoy and Gaimard, 1825, Voy. Uranie and Physic., Zool., p. 416, pl. 66, fig. 6. Near Port Jackson, N.S.W.) (H.1142).

*Suborder* GYMNOSOMATA

*Family* NOTOBRANCHAEIDAE

NOTOBRANCHAEA Pelseneer, 1886, Bull. Soc. Nord., (2), 9, p. 224. H.T. *longicaudata* Verrill.

1901. *inopinata* Pelseneer, 1881, Rep. Sci. Res. Challenger, Zool., 19, p. 40, pl. 3, fig. 6. East of Japan. Whitelegge, 1887, Proc. Roy. Soc. N.S.W., 23, p. 280. Off Port Jackson Heads, N.S.W. (H.1154).

*Family* CLIONIDAE

CLIONE Pallas, 1774, Spic. Zool., 10, p. 28. H.T. *borealis* Pallas.

1902. *longicaudata* Souleyet, 1852, Voy. Bonite, Zool., 2, p. 286, pl. 14, figs. 17-21. Atlantic Ocean, lat. 10° N. by long. 23°. W. Macdonald, 1861, Trans. Roy. Soc. Edinb., 23, p. 185, pl. 9, fig. 3. Off Port Jackson Heads, N.S.W. (H.1155).

*Order* ANASPIDEA

*Family* APLYSIIDAE

APLYSIA (Laplysia) Linne, 1767, Syst. Nat., 12 ed., p. 1082. T.N.C. *depilans* Linne.

1903. *angasi* Sowerby, 1869, Conch. Icon. (Reeve), 17, *Aplysia*, pl. 8, fig. 35. Port Jackson, N.S.W. Allan, 1950, Aust. Shells, p. 212, pl. 25, fig. 13 (H.1145).

1904. *excavata* Sowerby, 1869, Conch. Icon. (Reeve), 17, *Aplysia*, pl. 3, fig. 8. Port Jackson, N.S.W. (H.1146).

1905. *extraordinaria* Allan, 1932, Rec. Aust. Mus., 18, p. 319, pl. 35, figs. 7-8. Sydney Harbour, N.S.W.

1906. *hyalina* Sowerby, 1869, Conch. Icon. (Reeve), 17, *Aplysia*, pl. 4, fig. 13. Port Jackson, N.S.W. Allan, 1950, Aust. Shells, p. 213 (H.1147).

1907. *norfolkensis* Sowerby 1869, Conch. Icon. (Reeve), 17, *Aplysia*, pl. 10, fig. 42. Norfolk Island. Allan, 1950, Aust. Shells, p. 212, fig. 3 (H.1148).

1908. *sowerbyi* Pilsbry, 1895, Man. Conch. (Tryon), 16, p. 101, pl. 57, figs. 20-21. Port Jackson, N.S.W. Allan, 1950, Aust. Shells, p. 213 (H.1149).

1909. *sydneyensis* Sowerby, 1869, Conch. Icon. (Reeve), 17, *Aplysia*, pl. 7, fig. 31. Port Jackson, N.S.W. Hedley, 1906, Proc. Linn. Soc. N.S.W., 30, p. 536, pl. 33, figs. 33-34. Allan, 1950, Aust. Shells, p. 213 (H.1150).

PARAPLYSIA Pilsbry, 1895, Man. Conch. (Tryon), 16, pp. 64, 115. H.T. *piperata* Smith.

1910. *piperata* Smith, 1884, Zool. Coll. Alert, p. 89. Torres St., 4-5 fm. Gilchrist, 1895, Ann. Mag. Nat. Hist., (6), 15, p. 403, pl. 18, figs. 2, 4. Allan, 1950, Aust. Shells, p. 214, fig. 4.

RAMOSACLESIA Iredale, 1929, Aust. Zool., 5, p. 352. H.T. *glauca* Cheeseman.

1911. *rex* Allan, 1932, Rec. Aust. Mus., 18, p. 317, pl. 35, figs. 1-6. Manly, N.S.W. (= *Bursatella leachei* subsp. *rex* Allan, 1950, Aust. Shells, p. 215, fig. 5) (H.1151).

STYLOCHEILUS Gould, 1852, U.S. Expl. Exped. (Wilkes), 12, Moll., p. 224. H.T. *longicauda* Quoy and Gaimard.

1912. *longicauda* Quoy and Gaimard, 1825, Voy. Uranie and Physic., Zool., p. 421, pl. 66, fig. 8. Near New Guinea. Allan, 1950, Aust. Shells, p. 214, fig. 1. Long Reef, near Sydney, N.S.W.

NOTARCHUS Cuvier, 1816, Regne Anim., 2, p. 398. H.T. *indicus* Schweigger.

1913. *petaurista* Iredale, 1929, Aust. Zool., 5, p. 351, pl. 37, fig. 1. Port Jackson, N.S.W. (= *Notarchus indicus* subsp. *petaurista* Iredale. Allan, 1950, Aust. Shells, p. 215).

DOLABELLA Lamarck, 1801, Syst. Anim. s. Vert., p. 62. H.T. *callosa* Lamarck.

1914. *andersoni* Iredale, 1929, Mem. Queensland Mus., 9, p. 292. Port Hacking, N.S.W. Dakin, 1953, Aust. Seashores, 2 ed., p. 265, pl. 67, top fig. (H.1152).

DOLABRIFERA Gray, 1847, Proc. Zool. Soc. Lond., 1847, p. 162. O.T. *dolabrifera* Cuvier.

1915. *brazieri* Sowerby, 1870, Proc. Zool. Soc. Lond., 1870, p. 250. Botany Bay, N.S.W. Hedley, 1917, Proc. Linn. Soc. N.S.W., 41, p. 717, pl. 49, fig. 25 (= *jacksoniensis* Pilsbry, 1896, Man. Conch. (Tryon), 16, p. 120, pl. 44, figs. 38, 41. Port Jackson, N.S.W.). Allan, 1950, Aust. Shells, p. 216, figs. 2, 5 (H.1153).

*Order* SACCOGLOSSA

*Family* BERTHELINIIDAE

EDENTTELLINA Gatliff and Gabriel, 1911, Proc. Roy. Soc. Vict., 24, (n.s.), p. 190. O.T. *typica* Gatliff and Gabriel.

1916. *typica* Gatliff and Gabriel, 1911, Proc. Roy. Soc. Vict., 24, (n.s.), p. 190, pl. 46, figs. 5, 6. Ocean Beach, Point Nepean, Victoria. Burn, 1960, Nature, 187, No. 4731, pp. 44-45, figs. 1-7. Id., 1960, Nature, 188, No. 4751, pp. 680-681. Gunnamatta Bay, Port Hacking, N.S.W.

MIDORIGAI Burn, 1960, Nature, 187, No. 4731, p. 45. O.T. *australis* Burn.

1917. *australis* Burn, 1960, Nature, 187, No. 4731, p. 46, figs. 8-14. Torquay, Victoria. Id., 1960,

Nature, 188, No. 4751, pp. 680-681. Fairlight, Sydney Harbour, N.S.W.

*Family* OXYNOEIDAE

OXYNOE Rafinesque, 1819, Analyse Nat., p. 143. H.T. *olivacea* Rafinesque. (= *Lophocercus* Krohn, 1847, Ann. Sci. Nat. Paris, (3), 7, p. 55. Same type).

1918. *delicatula* G. and H. Nevill, 1869, J. Asiat. Soc. Bengal, 38, p. 67, pl. 13, fig. 5. Ceylon. Allan, 1950, Aust. Shells, p. 226, fig. 7, text fig. 50, p. 212. Lord Howe I. (H.1144).

*Family* CALIPHYLLIDAE

CYERCE Bergh, 1871, Reise Arch. Philipp. (Semper), 2, p. 2, 98. L.T. (Allan, 1947, Rec. Aust. Mus., 21, p. 438) *elegans* Bergh.

1919. *nigra ocellata* Bergh, 1873, J. Mus. Godeffroy, 1, pp. 83-86, pl. 9, figs. 8, 9, pl. 11, figs. 13-26, pl. 12, figs. 2, 3. Samoa. Allan, 1947, Rec. Aust. Mus., 21, p. 438, pl. 41, figs. 1-3. Clarence River, north New South Wales.

*Family* ELYSIIDAE

ELYSIA Risso, 1818, J. de Physique, 87, p. 375. H.T. *timida* Risso.

1920. *australis* Quoy and Gaimard, 1832, Voy. Astrol., Zool., 2, p. 317, pl. 24, figs. 18-20. Sydney Harbour, N.S.W. Allan, 1950, Aust. Shells, p. 255 (H.1199).

1921. *coodgeensis* Angas, 1864, J. de Conch., 12, p. 69, pl. 6, fig. 4. Coogee, near Sydney, N.S.W. (H.1199 pt.).

1922. *marginata* Pease, 1871, Amer. J. Conch., 6, p. 304. Society Is. Allan, 1947, Rec. Aust. Mus., 21, p. 439, pl. 41, fig. 7. Angourie, north N.S.W. Allan, 1950, Aust. Shells, p. 225, pl. 28, fig. 6.

*Order* NOTASPIDEA

*Family* PLEUROBRANCHIDAE

PLEUROBRANCHUS Cuvier, 1804, Ann. Hist. Nat. Paris, 5, p. 275. H.T. *peroni* Cuvier.

1923. *punctatus* Quoy and Gaimard, 1832, Voy. Astrol., Zool., 2, p. 299, pl. 22, figs. 15-19. Jervis Bay, N.S.W. Allan, 1950, Aust. Shells, p. 206, pl. 28, figs. 4-5 (H.1158).

1924. *angasi* Smith, 1884, Rep. Zool. Coll. Alert, p. 88, pl. 6, figs. K, K1. Port Jackson, N.S.W. (H.1156).

OSCANIUS Gray, 1847, Proc. Zool. Soc. Lond., 1847, p. 163. O.T. *membranacea* Montagu.

1925. *testudinarius* Cantraine, 1835, Bull. Acad. Roy. Brux., 2, p. 385. Mediterranean. Allan, 1950, Aust. Shells, p. 207, text fig. 48, fig. 5. Long Reef, near Sydney, N.S.W.

1926. *mamillatus* Quoy and Gaimard, 1832, Voy. Astrol., Zool., 2, p. 294, pl. 22, figs. 1-6. Mauritius. Allan, 1950, Aust. Shells, p. 208. Gunnamatta Bay, near Sydney, N.S.W.

1927. *hilli* Hedley, 1896, Proc. Linn. Soc. N.S.W., 19, p. 127, pl. 7. Port Jackson, N.S.W. Allan, 1950, Aust. Shells, p. 207, fig. 3 (H.1159).

EUSELENOPS Pilsbry, 1896, Man. Conch. (Tryon), 16, p. 228. H.T. *luniceps* Cuvier.

1928. *luniceps* Cuvier, 1830, Regne Anim., 2 ed., 3, p. 59, pl. 14, fig. 2. No loc. Hedley, 1896, Proc. Linn. Soc. N.S.W., 21, p. 816. Pace, 1901, Proc. Malacol. Soc., 4, p. 202, fig. on p. 203, Allan, 1950, Aust. Shells, p. 208, fig. 4 (H. 1160).

*Family* PLEUROBRANCHAEIDAE

PLEUROBRANCHAEA Leue, 1813, De Pleurobranchaea, p. 11 (= *Pleurobranchidium* Blainville, 1826, Dict. Sci. Nat. (Levr.), 41, p. 372). H.T. *meckelii* Blainville.

1929. *maculata* Quoy and Gaimard, 1832, Voy. Astrol., Zool. 2, p. 301, pl. 22, figs. 11-14. Western Port, Victoria (= *dorsalis* Allan, 1933, Rec. Aust. Mus., 18, p. 445, pl. 56, fig. 4, 5. Botany Bay, N.S.W. Allan, 1950, Aust. Shells, p. 208, text fig. 1) (H.1157).

*Family* UMBRACULIDAE

UMBRACULUM Schumacher, 1817, Essai. nouv. Syst. Test., pp. 55, 177. H.T. *sinicum* Gmelin (= *umbraculum* Solander).

1930. *botanicum* Hedley, 1913, Proc. Linn. Soc. N.S.W., 48, p. 315, pl. 32, fig. 20. Port Jackson, N.S.W. (H.1161).

1931. ? *indicum* Lamarck, 1819, Hist. Anim. s. Vert., 6, p. 343. Indian Ocean. Blainville, 1825, Man. Malac., pl. 44, fig. 1. Allan, 1950, Aust. Shells, p. 206, pl. 28, fig. 8.

TYLODINA Rafinesque, 1819, J. Phys. Chim. Hist. Nat. Paris, 89, p. 152. H.T. *punctulata* Rafinesque.

1932. *corticalis* Tate, 1889, Trans. Roy. Soc. South Aust., 11, p. 65, pl. 11, fig. 11. Port Phillip, Victoria. Burn, 1959, J. Malac. Soc. Aust., 3, pp. 29-30, text fig. Id., 1960, J. Malac. Soc. Aust., 4, pp. 64-69, text figs. 1-9. Sydney, N.S.W.

*Order* NUDIBRANCHIA

*Suborder* DORIDIACEA

*Family* DORIDIDAE

*Subfamily* DORIDINAE

DORIDIGITATA Orbigny, 1839, in Webb and Berthelot, Hist. Nat. iles Canaries, Moll., p. 39. H.T. *bertheloti* Orbigny (= *Staurodoris* Bergh, 1878, Reise Arch. Philipp. (Semper),

Mal., 2, 2, 13, 1878, p. 578. H.T. *januarii* Bergh (= *verrucosa* Cuvier)).

1933. *pustulata* Abraham, 1877, Proc. Zool. Soc. Lond., 1877, p. 256. Australian seas. Allan, 1947, Rec. Aust. Mus., 21, p. 446, pl. 42, figs. 1, 2.

*Subfamily* ARCHIDORIDINAE

ARCHIDORIS Bergh, 1878, Reise Arch. Philipp. (Semper), Mal., Bd. 1, p. 616. O.T. *britannica* Johnston.

1934. *cameroni* Allan, 1947, Rec. Aust. Mus., 21, p. 450, pl. 13, figs. 6, 7. Angourie, northern New South Wales.

*Family* GLOSSODORIDIDAE

GLOSSODORIS Ehrenberg, 1831, Symb. Phys. Anim. (pls. 1828), sign. f. L.T. (Gray, 1847, Proc. Zool. Soc. Lond., 1847, p. 164) *xantholeuca* Ehrenberg.

1935. *bennetti* Angas, 1864, J. de Conch., 12, p. 51, pl. 4, fig. 10. Port Jackson, N.S.W. Allan, 1947, Rec. Aust. Mus., 21, p. 440, pl. 41, fig. 4. Allan, 1950, Aust. Shells, p. 220, pl. 28, fig. 7 (H.1177).

1936. *daphne* Angas, 1864, J. de Conch., 12, p. 54, pl. 5, fig. 3. Port Jackson, N.S.W. Allan, 1947, Rec. Aust. Mus., 21, p. 440, pl. 4, figs. 11-13 (H.1179).

1937. *geometrica* Risbec, 1923, Contr. l'Etude Nudib. Neo-Caled., p. 148, fig. 41, pl. 6, fig. 10. New Caledonia. Allan, 1947, Rec. Aust. Mus., 21, p. 441, pl. 41, fig. 14. Angourie, northern New South Wales.

1938. *decora* Pease, 1860, Proc. Zool. Soc. Lond., 1860, p. 29. Sandwich Islands. Allan, 1947, Rec. Aust. Mus., 21, p. 441, pl. 41, figs. 8-10. Angourie, northern New South Wales.

1939. *inornata* Pease, 1871, Amer. J. Conch., 7, p. 18. Society Islands. Allan, 1947, Rec. Aust. Mus., 21, p. 442, pl. 4, figs. 5-6. Angourie, N. N.S.W.

1940. *crossei* Angas, 1864, J. de Conch., 12, p. 54, pl. 5, fig. 1. Port Jackson, N.S.W. Allan, 1950, Aust. Shells, p. 221 (H.1176b).

1941. *mariei* Crosse, 1872, J. de Conch., 20, p. 73. Noumea, New Caledonia. Id. ib., p. 153, pl. 7, fig. 5. Allan, 1947, Rec. Aust. Mus., 21, p. 443, pl. 41, fig. 15. Angourie, northern New South Wales.

1942. *reticulata* Pease, 1866, Amer. J. Conch., 2, p. 205, Pacific Islands (= *alderi* Collingwood, 1881, Trans. Linn. Soc. Lond., Zool., (2), 2, p. 132. North Formosa). Allan, 1947, Rec. Aust. Mus., 21, p. 444, pl. 41, figs. 18-20. Angourie, northern N.S.W.

1943. *lineolata* Hasselt, 1824, Bull. Sci. Nat., 3, p. 258. Java. Allan, 1947, Rec. Aust. Mus., 21, p. 444, pl. 41, figs. 16-17. Angourie, northern N.S.W.

DORIPRISMATICA Orbigny, 1839, in Webb and Berthelot, Hist. Nat. iles Canaries, Moll., p. 40. H.T. *atromarginata* Cuvier (= *Casella* H. and A. Adams, 1854, Gen. Rec. Moll., 2, p. 57. H.T. *gouldii* H. and A. Adams).

1944. *atromarginata* Cuvier, 1804, Ann. Mus. Nat. Hist. Paris, 4, pp. 452 and 473, pl. 74, (*Doris*, pl. 2), fig. "5" (= 6). Mers des Indes (= *gouldii* H. and A. Adams, 1854, Gen. Rec. Moll., 2, p. 57, pl. 63, fig. 5. Australia) (H.1185).

CERATOSOMA A. Adams and Reeve, 1850, Zool. Voy. Samarang, p. 67. H.T. *cornigerum* A. Adams and Reeve.

1945. *brevicaudatum* Abraham, 1876, Ann. Mag. Nat. Hist., (4), 18, p. 142, pl. 8, fig. 6. Australia. Basedow and Hedley, 1905, Trans. Roy. Soc. South Aust., 29, p. 143, pl. 1. Allan, 1950, Aust. Shells, p. 222, pl. 28, fig. 14 (H.1186).

ROSTANGA Bergh 1879, Arch. f. Nat. (Weigmann), 45, (1), p. 353. H.T. *Doris coccinea* Alder and Hancock, 1846 (not *D. coccinea* Forbes 1843) (= *rufescens* Iredale and O'Donoghue).

1946. *arbutus* Angas, 1864, J. de Conch., 12, p. 47, pl. 4, fig. 4. Coogee Bay, Sydney, N.S.W. Allan, 1950, Aust. Shells, p. 221 (H.1200).

TRIPPA Bergh, 1877, Jahrb. deut. Malak. Gesell., 4, p. 63. O.T. *ornata* Ehrenberg.

1947. *erinacea* Angas, 1864, J. de Conch., 12, p. 57, pl. 5, fig. 5. Port Jackson, N.S.W. Allan, 1947, Rec. Aust. Mus., 21, p. 450, pl. 13, figs. 8-10 (H.1178).

PERONODORIS Bergh, 1904, Reise Arch. Philipp. (Semper), Bd. 9, (6), p. 44. H.T. *cancellata* Bergh (= *Sclerodoris* Eliot, 1904, Proc. Zool. Soc. Lond., 1903 b, pp. 355-361, O.T. *osseosa* Kelaart).

1948. *apiculata* Alder and Hancock, 1864, Trans. Zool. Soc. Lond., 5, p. 122, pl. 30, fig. 8. E. coast India. Allan, 1947, Rec. Aust. Mus., 21, p. 452, pl. 41, figs. 22, 23. Northern N.S.W.

1949. *tuberculata* Eliot, 1904, Proc. Zool. Soc. Lond., 1903 b, p. 381. Zanzibar. Allan, 1947, Rec. Aust. Mus., 21, p. 453, pl. 42, figs. 11-14. Northern N.S.W.

ASTERONOTUS Ehrenberg, 1831, Symb. Phys. Anim., (pls. 1828), sign. h. H.T. *hemprichii* Ehrenberg.

1950. *mabilla* Abraham, 1877, Proc. Zool. Soc. Lond., 1877, p. 249, pl. 28, figs. 1-4. Seychelles (H.1175).

1951. *varius* Abraham, 1877, Proc. Zool. Soc. Lond., 1877, p. 209. New name for *Doris variabilis* Angas, 1864, J. de Conch., 12, p. 44, pl. 4, fig. 1. Port Jackson, N.S.W. (not *D. variabilis* Kelaart, 1859) (= *praetenera* Abraham, 1877, Proc. Zool. Soc. Lond., 1877, p. 211, pl. 30, figs. 10-12. New South Wales).

HYPSELODORIS Stimpson, 1855, Proc. Acad. Nat. Sci. Philad., 7, p. 389. H.T. *obscura* Stimpson.

1952. *obscura* Stimpson, 1855, Proc. Acad. Nat.

*Family* EUPHURIDAE

EUPHURUS Rafinesque, 1815, Analyse Nature, p. 142. H.T. *clavigera* Muller.

1975. *yatesi* Angas, 1864, J. de Conch., 12, p. 60, pl. 5, fig. 8. Port Jackson, N.S.W. (H.1195).

PALIO Gray, 1857, Guide Syst. Distr. Moll. Brit. Mus., pt. 1, p. 213. H.T. *ocellata* Alder and Hancock.

1976. *cooki* Angas, 1864, J. de Conch., 12, p. 58, pl. 5, fig. 6. Botany Bay, N.S.W. (H.1196).

POLYCERA Cuvier, 1816, Regne Anim., 2, p. 389. L.T. (Gray, 1847, Proc. Zool. Soc. Lond., 1847, p. 165) *quadrilineata* Muller.

1977. *conspicua* Allan, 1932, Aust. Zool., 7, p. 101, pl. 4, figs. 12, 13, pl. 5, fig. 15. Sydney Harbour, N.S.W. Allan, 1950, Aust. Shells, p. 223, figs. 3, 7.

ANGASIELLA Angas, 1864, J. de Conch., 12, p. 49 (ex Crosse Ms.). H.T. *edwardsi* Angas.

1978. *edwardsi* Angas, 1864, J. de Conch., 12, p. 49, pl. 4, fig. 9. Port Jackson, N.S.W. (H.1197).

PLOCAMOPHERUS Leuckart, 1828, Rueppell, Atlas, Reise nord Afrika, p. 17. H.T. *ocellatus* Rueppell.

1979. *imperialis* Angas, 1864, J. de Conch., 12, p. 59, pl. 5, fig. 7. Port Jackson, N.S.W. Allan, 1950, Aust. Shells, p. 223, fig. 4 (= *naevatus* Abraham, 1876, Ann. Mag. Nat. Hist., (4), 18, p. 139, pl. 6, figs. 4, 4 a, New South Wales) (H.1198).

1980. *davisi* Allan, 1933, Rec. Aust. Mus., 18, p. 447, pl. 56, figs. 13, 14. Bulli, N.S.W.

*Family* DORIOPSIDAE

DORIOPSIS Pease, 1860, Proc. Zool. Soc. Lond., 1860, p. 32. H.T. *granulosa* Pease (= *Ctenodoris* Eliot, 1907, Proc. Malacol. Soc., 7, p. 338. L.T. (here designated) *pecten* Eliot. = *Guyonia* Risbec, 1928, Contr. l'Etude Nudib. Neo-Caled., p. 102. L.T. (here designated) *flava* Risbec).

1981. *flava* Risbec, 1928, Contr. l'Etude Nudib. Neo-Caled., pp. 103-104, pl. 1. Ile-Nou, New Caledonia. Allan, 1947, Rec. Aust. Mus., 21, p. 448, pl. 42, figs. 3, 4. Angourie, northern N.S.W.

1982. *viridis* Pease, 1861, Proc. Zool. Soc. Lond., 1861, p. 244. Sandwich Islands. Allan, 1947, Rec. Aust. Mus., 21, p. 449, pl. 42, fig. 5. Angourie, northern N.S.W.

*Suborder* AEOLIDACEA

*Family* AEOLIDIIDAE

CORYPHELLA Gray, 1850, Fig. Moll. Anim., 4, p. 109 L.T. (Alder and Hancock, 1855, Mon. Brit. Nudib. Moll., pt. 7, App., p. xxiv) *rufibranchialis* Johnston.

1983. *foulisi* Angas, 1864, J. de Conch., 12, p. 64, pl. 6, fig. 3. Port Jackson, N.S.W. (H.1162).

1984. *macleayi* Angas, 1864, J. de Conch., 12, p. 65, pl. 6, fig. 4. Port Jackson, N.S.W. (H.1163).

RIZZOLIA Trinchese, 1877, Rend. Acad. Bologna, p. 62. H.T. *peregrina* Gmelin.

1985. *australis* Bergh, 1884, Rep. Sci. Res. Challenger, Zool., 10, p. 27, pl. 9, figs. 1-5. Port Jackson, N.S.W. (H.1164).

BAEOLIDIA Bergh, 1888, Reise Arch. Philipp. (Semper), 2, 2, p. 777, pl. 9, figs. 1-5. H.T. *moebii* Bergh.

1986. *major* Eliot, 1903, Proc. Zool. Soc. Lond., 1903, p. 252. Chuaka, Zanzibar. Allan, 1947, Rec. Aust. Mus., 21, p. 460, pl. 43, figs. 1-7. Angourie, northern N.S.W.

*Family* FLABELLINIDAE

FLABELLINA Griffith and Pidgeon, 1833, Anim. Kingdom (Cuvier), 12, p. 40. H.T. *affinis* Gmelin.

1987. *ianthina* Angas, 1864, J. de Conch., 12, p. 66, pl. 6, fig. 6. Port Jackson, N.S.W. Allan, 1950, Aust. Shells, p. 224 (H.1165).

1988. *newcombi* Angas, 1864, J. de Conch., 12, p. 68, pl. 6, fig. 8. Coogee, near Sydney, N.S.W. (H.1166).

1989. *ornata* Angas, 1864, J. de Conch., 12, p. 67, pl. 6, fig. 7. Port Jackson, N.S.W. Allan, 1950, Aust. Shells, p. 224, pl. 28, fig. 1 (H.1167).

*Family* FIONIDAE

FIONA Forbes and Hanley, 1851, Hist. Brit. Moll., 3, p. x, footnote. H.T. *nobilis* Forbes and Hanley (ex Alder and Hancock Ms.).

1990. *pinnata* Eschscholtz, 1831, Zool. Atlas, 4, p. 14, pl. 19, fig. 1. Sitka, north-west America (H.1168).

*Family* CUTHONIDAE

NARRAEOLIDA Burn, 1961, Proc. Roy. Zool. Soc. N.S.W., 1958-9, p. 134. O.T. *colmani* Burn.

1990a. *colmani* Burn, 1961, Proc. Roy. Zool. Soc. N.S.W., 1958-9, p. 134, figs. 4 a, b, c. Long Reef, near Narrabeen, N.S.W.

*Family* GLAUCIDAE

[Ref.:—Iredale, 1940, Proc. Roy. Zool. Soc. N.S.W., 1939-40, p. 40. Id., 1940, Aust. Zool., 9, p. 428, text figs.]

GLAUCUS Forster, 1777, Voy. round World, p. 49. H.T. *atlanticus* Forster.

1991. *lineatus* Bergh, 1867, Dansk Vedensk. Selsk. Skrift, (5), 7, p. 147. Southern Pacific (H.1169).

Sci. Philad., 7, p. 388. Port Jackson, N.S.W. (H.1176).

CHROMODORIS Alder and Hancock, 1854, Mon. Brit. Nud. Moll., pt. 7, App. p. xvii. O.T. *magnifica* Quoy and Gaimard.

1953. *festiva* Angas, 1864, J. de Conch., 12, p. 53, pl. 4, fig. 12. Port Jackson, N.S.W. (H.1180).

1954. *loringi* Angas, 1864, J. de Conch., 12, p. 52, pl. 4, fig. 11. Port Jackson, N.S.W. (H.1181).

1955. *splendida* Angas, 1864, J. de Conch., 12, p. 55, pl. 5, fig. 2. Port Jackson, N.S.W. (H.1183).

1956. *verrucosa* Angas, 1864, J. de Conch., 12, p. 56, pl. 5, fig. 4. Port Jackson, N.S.W. (ex Crosse Ms.) (H.1184).

1957. *runcinata* Bergh, 1877, Reise Arch. Philipp. (Semper), 2, pt. 2, p. 479, pl. 51, figs. 32-33, pl. 53, figs. 5-12. Philippine Is. (H.1182).

*Family* HEXABRANCHIDAE

HEXABRANCHUS Ehrenberg, 1831, Symb. Phys. Anim., (pls. 1828), sign. h. H.T. *praetextus* Ehrenberg.

1958. *flammulatus* Quoy and Gaimard, 1832, Voy. Astrol., Zool., 2, p. 257, pl. 7, figs. 6-10. Friendly Is. Wild, 1895, Trans. Nat. Hist. Soc. Q'ld., 1, p. 90. Tweed Heads, N.S.W. Basedow and Hedley, 1905, Trans. Roy. Soc. South Aust., 29, p. 139. Cf. Roughley, 1936, Wonders of the Great Barrier Reef, pl. 39, opp. p. 130 (no scientific name). From Heron or Hayman Is., Queensland. Allan, 1950, Aust. Shells, p. 223, pl. 28, fig. 2. Queensland *(imperialis,* not of Kent, 1897; same species as that figured by Roughley). Cf. *Pseudoceros kenti* Kent, 1893, The Great Barrier Reef, p. 362, pl. 13, fig. 1. Great Barrier Reef, Queensland, ex Graff Ms. (= *Doris (Hexabranchus) marginatus* Quoy and Gaimard, 1832, Voy. Astrol., Zool., 2, p. 255, pl. 17, figs. 1-5. Amboina. Hedley, 1909, Proc. Linn. Soc. N.S.W., 34, p. 464. Cairns Reef, N. Queensland. Bergh, 1905, Siboga Expeditie (Weber), 27, livr. 50, p. 90, pl. 1, figs. 1-2, var. pl. 5, fig. 8. Timor. Allan, 1950, Aust. Shells, p. 223. Clarence River, N.S.W. (Young)) (H.1174).

*Family* DISCODORIDIDAE

DISCODORIS Bergh, 1877, Jahrb. deut. Malak. Gesell., 4, p. 61. L.T. (O'Donoghue, 1926, Trans. Roy. Canad. Inst., 15, p. 207) *boholiensis* Bergh.

1959. *nubilosa* Pease, 1871, Amer. J. Conch., 7, p. 13, pl. 6. Society Islands. Allan, 1947, Rec. Aust. Mus., 21, p. 455, pl. 42, figs. 17-21. Angourie, northern New South Wales.

1960. *palma* Allan, 1933, Rec. Aust. Mus., 18, p. 448, pl. 56, figs. 11, 12. Botany Bay, N.S.W. Allan, 1950, Aust. Shells, p. 222, fig. 5.

KENTRODORIS Bergh, 1876, Reise Arch. Philipp. (Semper), 2, pt. 2, p. 413. L.T. (Donoghue, 1929, Trans. Zool. Soc. Lond., 22, p. 722) *rubescens* Bergh.

1961. *funebris* Kelaart, 1859, Ann. Mag. Nat. Hist., (3), 3, p. 293. Ceylon. Alder and Hancock, 1864, Trans. Zool. Soc. Lond., 5, p. 122, pl. 30, figs. 9-10. Allan, 1947, Rec. Aust. Mus., 21, p. 454, pl. 43, figs. 10-12. Angourie, northern N.S.W.

*Family* DENDRODORIDIDAE

DENDRODORIS Ehrenberg, 1831, Symb. Phys. Anim., (plates 1828), sign. g. L.T. (Gray, 1847, Proc. Zool. Soc. Lond., 1847, p. 164) *lugubris* Ehrenberg (= *Doridopsis* Alder and Hancock, 1864, Trans. Zool. Soc. Lond., 5, p. 125. O.T. *gemmacea* Alder and Hancock = *denisoni* Angas; = *Haustellodoris* Pease, 1871, Amer. J. Conch., 6, p. 300, new name for preceding).

1962. *aurea* Quoy and Gaimard, 1832, Voy. Astrol., Zool., 2, p. 265, pl. 19, figs. 4-7. Jervis Bay, N.S.W. (H.1187).

1963. *australiensis* Abraham, 1877, Proc. Zool. Soc. Lond., 1877, p. 263, pl. 30, figs. 25-26. N.S.W. (H.1188).

1964. *australis* Angas, 1864, J. de Conch., 12, p. 49, pl. 4, fig. 8. Port Jackson, N.S.W. (H.1189).

1965. *carneola* Angas, 1864, J. de Conch., 12, p. 48, pl. 4, fig. 7. Port Jackson, N.S.W. (H.1190).

1966. *nodulosa* Angas, 1864, J. de Conch., 12, p. 48, pl. 4, fig. 6. Port Jackson, N.S.W. (H.1192).

1967. *pantherina* Angas, 1864, J. de Conch., 12, p. 47, pl. 4, fig. 5. Coogee, Sydney, N.S.W. (H.1193).

1968. *violacea* Quoy and Gaimard, 1832, Voy. Astrol., Zool., 2, p. 264, pl. 19, figs. 1-3. Jervis Bay, N.S.W. (H.1194).

1969. *denisoni* Angas, 1864 (Jan.), J. de Conch., 12, p. 45, pl. 4, fig. 2. Port Jackson, N.S.W. (= *gemmacea* Alder and Hancock, 1864 (April), Trans. Zool. Soc. Lond., 5, p. 125). Allan, 1947, Rec. Aust. Mus., 21, p. 457, pl. 42, fig. 16. Allan, 1950, Aust. Shells, p. 222 (H.1191).

1970. *guttata* Odhner, 1917, Kungl. Svensk. Vetensk. Handl., 52, (16), p. 162. North-western Australia. Allan, 1947, Rec. Aust. Mus., 21, p. 458, pl. 42, fig. 15. Angourie, northern N.S.W.

1971. *nigra* Stimpson, 1855, Proc. Acad. Nat. Sci. Philad., 7, p. 380. Loo Choo Is. Alder and Hancock, 1864, Trans. Zool. Soc. Lond., 5, p. 128, pl. 31, figs. 13, 16. India. Allan, 1947, Rec. Aust. Mus., 21, p. 458. Angourie, N. N.S.W. Baba, 1949, Opisthobranchia, Sugami Bay, pp. 69, 154, pl. 26, figs. 98, 99. Japan.

1972. *melaena* Allan, 1932, Aust. Zool., 7, p. 98, pl. 5, fig. 11. Long Reef, near Sydney, N.S.W.

1973. *gunnamatta* Allan, 1932, Aust. Zool., 7, p. 97, pl. 5, figs. 4, 7. Port Hacking, N.S.W.

1974. *chrysoderma* Angas, 1864, J. de Conch., 12, p. 46, pl. 4, fig. 3. Port Jackson, N.S.W. (H.1201).

GLAUCILLA Bergh, 1867, Dansk Vedensk. Selsk. Skrift, (5), 7, p. 105. H.T. *briarea* Bergh.

1992. *briarea* Bergh, 1867, Dansk Vedensk. Selsk. Skrift, (5), 7, p. 151. Southern Pacific.

*Suborder* ARMINACEA

*Family* ARMINIDAE

ARMINA Rafinesque, 1814, Precis decouv. trav. Somiol., p. 30. L.T. (Iredale and O'Donoghue, 1923, Proc. Malacol. Soc., 15, p. 217) *tigrina* Rafinesque (= *Pleurophyllidia* Meckel, 1823, Archiv. Anat. Phys., 8, p. 190. H.T. *lineata*).

1993. *cygnea* Bergh, 1876, Malak. Blatt., 23, p. 9, pl. 1, figs. 1-7. Swan River, W.A. Basedow and Hedley, 1905, Trans. Roy. Soc. South Aust., 29, p. 149, pl. 10, figs. 1, 2, pl. 11, figs. 1-3, pl. 12, figs. 1-6 (H.1173).

*Family* BORNELLIDAE

BORNELLA Gray, 1850, Fig. Moll. Anim., 4, p. 107. H.T. *adamsii* Gray.

1994. *adamsii* Gray, 1850, Fig. Moll. Anim., 4, p. 107, pl. 196, fig. 6. No loc. Allan, 1950, Aust. Shells, p. 224, fig. 2 (H.1172).

1995. *hermanni* Angas, 1864, J. de Conch., 12, p. 61, pl. 6, fig. 1. Port Jackson, N.S.W. (H.1172 pt.).

PHYLLIROE Peron and Lesueur, 1810, Ann. Mus. Hist. Nat. Paris, 15, p. 65. H.T. *bucephalum* Peron and Lesueur.

1996. *bucephalum* Peron and Lesueur, 1810, Ann. Mus. Hist. Nat. Paris, 15, p. 65. Mediterranean Sea. Dakin and Colefax, 1936, Proc. Zool. Soc. Lond., 1936, pt. 1, p. 455, pl. 1. Id., 1940, Publ. Univ. Syd. Zool. Mon. 1, p. 207, fig. 299. N.S.W.

CEPHALOPYGE Hanel, 1905, Zool. Jahrb. Syst., 21, pp. 451-466, pl. 23, fig. 24. H.T. *trematoides* Chun (= *Ctilopsis* Andre, 1906, Rev. Suisse Zool., 14, p. 72. H.T. *picteti* Andre = *trematoides* Chun).

1997. *trematoides* Chun, 1889, Sitzungsb. preuss. Akad. Wiss., 1889, p. 547. Canary Is. (= *picteti* Andre, 1906, Rev. Suisse Zool., 14, p. 72. Amboina. = *orientalis* Baba, 1933, Annot. Zool. Jap., 14, pp. 157-160, pl. 7. Shimuzu Bay, Japan). Dakin and Colefax, 1936, Proc. Zool. Soc. Lond., 1936, pt. 1, p. 455, pls. 3, 4 (N.S.W., *picteti*). Id., 1937, Ann. Mag. Nat. Hist., (10), 19, pp. 266-271 (*orientalis*). Id., 1940, Publ. Univ. Syd. Zool. Mon. 1, p. 208, fig. 300. Steinberg, 1956, Proc. Linn. Soc. N.S.W., 81, pp. 184-192, text figs. 1-8. Port Jackson, N.S.W.

*Family* TETHYIDAE

MELIBE Rang, 1829, Man. Moll., p. 129. O.T. *rosea* Rang.

1998. *australis* Angas, 1864, J. de Conch., 12, p. 62, pl. 6, fig. 2. Port Jackson, N.S.W. Allan, 1947, Rec. Aust. Mus., 21, p. 459, pl. 43, figs. 8, 9 (H.1171).

*Family* PROCTONOTIDAE

JANOLUS Bergh, 1884, Rep. Sci. Res. Challenger, Zool., 10, p. 18. H.T. *australis* Bergh.

1999. *sanguineus* Angas, 1864, J. de Conch., 12, p. 63, pl. 6, fig. 5. Port Jackson, N.S.W. (H.1170).

*Class* SCAPHOPODA

*Family* DENTALIIDAE

[Ref.:—Colman, 1958, Proc. Roy. Zool. Soc. N.S.W., 1956-7, pp. 140-147, figs. on p. 147.]

DENTALIUM Linne, 1758, Syst. Nat., 10 ed., p. 758. L.T. (Montfort, 1810, Conch. Syst., 2, p. 23) *elephantinum* Linne.

S.g. Dentalium Linne, 1758. Ibid.

2000. *tignum* Colman, 1958, Proc. Roy. Zool. Soc. N.S.W., 1956-7, p. 141, fig. 1. Off Sydney, N.S.W., 800 fm.

2001. *concretum* Colman, 1958, Proc. Roy. Zool. Soc. N.S.W., 1956-7, p. 141, fig. 2. Off Sydney, N.S.W., 300 fm.

2002. *thetidis* Hedley, 1903, Mem. Aust. Mus., 4, p. 327, fig. 61. Off Port Kembla, N.S.W., 63-75 fm. Colman, 1958, loc. cit., p. 141, fig. 3 (H.1205).

S.g. ANTALIS H. and A. Adams, 1854, Gen. Rec. Moll., 1, p. 457. L.T. (Pilsbry and Sharp, 1897, Man. Conch. (Tryon), 17, p. 37) *entalis* Linne.

2003. *woolacottae* Colman, 1958, Proc. Roy. Zool. Soc. N.S.W., 1956-7, p. 142, fig. 4. Cronulla, N.S.W.

S.g. LAEVIDENTALIUM Cossmann, 1888, Ann. Soc. Roy. Malac. Belg., 23, p. 7. O.T. *incertum* Deshayes.

2004. *lubricatum* Sowerby, 1860, Thes. Conch., 3, p. 97, pl. 225, fig. 56. Off Port Jackson, N.S.W., 45 fm. Colman, 1958, loc. cit., p. 142, fig. 5 (H.1203).

2005. *erectum* Sowerby, 1860, Thes. Conch., 3, p. 99, pl. 225, fig. 55. Sydney, N.S.W. Colman, 1958, loc. cit., p. 143, fig. 6 (H.1202).

2006. *laseroni* Colman, 1958, Proc. Roy. Zool. Soc. N.S.W., 1956-7, p. 143, fig. 7. Broken Bay, N.S.W.

2007. *pluteum* Colman, 1958, Proc. Roy. Zool. Soc. N.S.W., 1956-7, p. 143, fig. 8. Off Wollongong, N.S.W., 100 fm.

S.g. COMPRESSIDENS Pilsbry and Sharp, 1897, Man. Conch. (Tryon), 17, p. 123. O.T. *pressum* Pilsbry and Sharp.

2008. *platyceras* Pilsbry and Sharp, 1897, Man. Conch. (Tryon), 17, p. 126, pl. 22, figs. 58-60. Port Stephens, N.S.W., 12 fm. Colman, 1958, loc. cit., p. 144, fig. 9 (H.1204).

S.g. Episiphon Pilsbry and Sharp, 1897, Man. Conch. (Tryon), 17, p. xxxi and p. 117. L.T. (Suter, 1913, Man. New Zeal. Moll., p. 821) *sowerbyi* Guilding.

2009. *virgula* Hedley, 1903, Mem. Aust. Mus., 4, p. 328, fig. 2. Off Port Kembla, N.S.W., 63-75 fm. Colman, 1958, loc. cit., p. 144, fig. 10 (H.1206).

S.g. Pseudantalis Monterosato, 1884, Nomen. conch. Medit., p. 32. L.T. (Sacco, 1897, Moll. Terr. Terz. Piemontee Liguria, pt. 22, p. 111) *rubescens* Deshayes.

2010. *caesura* Colman, 1958, Proc. Roy. Zool. Soc. N.S.W., 1956-7, p. 145, fig. 11. Off Wollongong, N.S.W., 100 fm.

S.g. Bathoxiphus Pilsbry and Sharp, 1897, Man. Conch. (Tryon), 17, p. 121. O.T. *ensiculus* Jeffreys.

2011. *applanatum* Colman, 1958, Proc. Roy. Zool. Soc. N.S.W., 1956-7, p. 145, fig. 12. Off Sydney, N.S.W., 800 fm.

*Family* SIPHONODENTALIIDAE

Gadila Gray, 1847, Proc. Zool. Soc. Lond., 1847, p. 159. O.T. *gadus* Montagu.

2012. *spretus* Tate and May, 1900, Trans. Roy. Soc. South Aust., 24, p. 102. Port Esperance, Tasmania, 24 fm. Id., 1901, Proc. Linn. Soc. N.S.W., 25, p. 420, pl. 25, fig. 52 (type figured) (H.1208).

2013. *acuminatus* Deshayes, 1871, Proc. Zool. Soc. Lond., 1871, p. 97. Middle Harbour, N.S.W. (not figured). Cf. *vincentiana* Cotton and Godfrey, 1940, Moll. South Aust., 2, p. 338, fig. 360. St. Vincent Gulf, South Aust. (H.1207).

*Class* CEPHALOPODA

*Subclass* DIBRANCHIA (= COLEOIDEA)

[Ref.:—Allan, 1945, Rec. Aust. Mus., 21, pp. 317-350, pls. 24-27. Allan, 1950, Aust. Shells, pp. 423-459, col. pl. 44, text figs. 106-112.]

*Order* DECACERATA (DECAPODA)

*Suborder* OEGOPSIDA (= TEUTHOIDEA)

*Family* ENOPLOTEUTHIDAE

Abralia Gray, 1849, Cat. Moll. Brit. Mus., pt. 1, Cephal., pp. 46-50. L.T. (Hoyle, 1909, Proc. Roy. Phys. Soc. Edinb., 17, p. 269) *armata* Quoy and Gaimard (= *Abraliopsis* Joubin, 1896, Bull. Soc. Sci. Med. Onest. Rennes, 5, pp. 19, 35. H.T. *hoylei* Pfeffer (= *armata* Quoy and Gaimard 1832)).

2014. ? *astrosticta* Berry, 1909, Proc. U.S. Nat. Mus., 37, pp. 412, 419. Hawaiian Islands. Allan, 1945, loc. cit., 21, p. 321, pl. 24, figs. 1-10. Off Coff's Harbour, northern N.S.W.

2015. ? *hoylei* Pfeffer, 1884, Abhand. Nat. wiss. Ver. Hamb., 8, (1), p. 171. Mascarene Is. Allan, 1945, loc. cit., 21, pp. 323-4, pl. 24, figs. 11-14. Jervis Bay, N.S.W.

Pterygioteuthis H. Fischer, 1895, J. de Conch., 43, p. 205. H.T. *giardi* Fischer.

2016. *giardi* Fischer, 1895, J. de Conch., 43, p. 205, pl. 9, figs. 1-7. Morocco. Allan, 1945, loc. cit., 21, p. 324, pl. 24, figs. 15-20. 24m. E. of Sydney Heads, N.S.W.

Enoploteuthis Orbigny, 1837 (in) Ferussac and Orbigny, Hist. Nat. Ceph. Acet., Atlas, *Onychoteuthis,* pl. 12. H.T. *leptura* Orbigny.

2017. *galaxias* Berry, 1918, Biol. Res. Endeavour, 4, p. 211, pls. 59, 60. Gabo Island to Everard Ground, Vict., 200-250 fm. Cotton and Godfrey, 1940, Moll. South Aust., 2, Cephalopoda, p. 280, figs. 375-379.

*Family* ONYCHOTEUTHIDAE

Onychoteuthis Lichtenstein, 1818, Isis (Oken), 1818, p. 1591. O.T. *bergii* Lichtenstein (= *banksii* Leach).

2018. *rutilus* Gould, 1852, U.S. Expl. Exped. (Wilkes), 12, Moll., p. 482, fig. 595. Near Sydney, N.S.W. Allan, 1945, loc. cit., p. 325, pl. 25, figs. 6-11 (H.332).

*Family* OCTOPOTEUTHIDAE

(Ctenopterygidae Allan)

Octopoteuthis E. Rueppell, 1844, Giorn. Gabin. Messina, (26). H.T. *sicula* Rueppell (= *Verania* Krohn, 1846, Rev. Zool. Soc. Cuv. 1846, p. 192. New name for above only; = *Ctenopteryx* Appellof, 1890, Bergens Museum Aarsb., 3, p. 3. H.T. *sicula* E. Rueppell (not *Ctenopteryx* Flach, 1899)).

2019. *sicula* E. Rueppell, 1844, Giorn. Gabin. Messina, (26). Sicily. Allan, 1945, loc. cit., 21, p. 329, pl. 25, figs. 6-7. Montagu I., N.S.W.

*Family* BRACHIOTEUTHIDAE

Brachioteuthis Verrill, 1881, Trans. Conn. Acad. Sci., 5, p. 405. L.T. *beanii* Verrill.

2020. *riisei* Steenstrup, 1882, Videns. Med. Nat. Foren (Kjobenhavn), (4), 3, p. 29. North Sea. Allan, 1945, loc. cit., 21, p. 330, pl. 26, figs. 15-17, pl. 27, fig. 25. 24m. E. of Port Hacking, N.S.W.

*Family* OMMASTREPHIDAE

Nototodarus Pfeffer, 1912, Ergeb. Plankton. Exped. Hamb., 2, p. 223. H.T. *insignis* Gould.

2021. *gouldi* McCoy, 1888, Prod. Zool. Victoria, Dec. 17, p. 255, pls. 169-170. Victoria. Berry, 1918, Biol. Res. Endeavour, 4, p. 228, pls. 63-66, text figs.

10-27. South-west Aust. Allan, 1933, Vict. Nat., 49, pl. 15, figs. 4-4 a. Cotton and Godfrey, 1940, Moll. South Aust., 2, Cephalopoda, p. 392, figs. 384-388. Allan, 1945, loc. cit., 21, p. 331, pl. 26, figs. 1-14 (H.331).

DOSIDICUS Steenstrup, 1857, Overs. K. Dansk. Vid. Selsk. Forh., p. 11. H.T. *eschrictii* Steenstrup (Chile) = *gigas* Orbigny (Atlantic Ocean).

2022. *gigas* Orbigny 1835, Voy. Amer. Merid., p. 50, pl. 4. Atlantic Ocean. Berry, 1912, Bull. U.S. Bureau Fish., 30, p. 301, pls. 48, 49. California. Brazier, 1892, Cat. Mar. Shells Aust. Tas., pt. 1, p. 16. New South Wales (H.330).

*Family* HISTIOTEUTHIDAE

CALLITEUTHIS Verrill, 1880, Amer. Journ. Sci. and Arts, (3), 20, p. 393. H.T. *reversa* Verrill.

2023. *miranda* Berry, 1918, Biol. Res. Endeavour, 4, pp. 221-228, pls. 61-62, text figs. 5-9. Off Gabo I., Victoria, 270 fm. Allan, 1945, loc. cit., 21, p. 334, pl. 25, figs. 12-15.

*Family* CRANCHIIDAE

*Subfamily* TAONIINAE

MEGALOCRANCHIA Pfeffer, 1884, Abh. Nat. wiss. Ver. Hamb., 8, (1), p. 24. H.T. *maxima* Pfeffer.

2024. *pardus* Berry, 1916, Proc. Acad. Nat. Sci. Philad., 68, pp. 61, 64, pl. 9, fig. 2, figs. in text, 19-22. Kermadec Is. Allan, 1945, loc. cit., p. 336, pl. 27, figs. 1-4. Off Port Hacking, N.S.W.

*Subfamily* CRANCHIINAE

PYRGOPSIS Rochebrune, 1884, Bull. Soc. Philom. Paris, (7), 8, p. 23. H.T. *rynchophorus* Rochebrune.

2025. *pacificus* Issel, 1908, Pub. R. Inst. stud. Super. Firenze, p. 223. Tahiti. Allan, 1945, loc. cit., 21, p. 338, pl. 27, figs. 5-11. Off east coast, N.S.W.

PROCALISTES Lankester, 1884, Quart. J. micr. Sci., (n.s.), 24, p. 311. H.T. *suhmii* Lankester (= *Galiteuthis* Joubin, 1898, Ann. Sci. Nat. Zool., (8), 6, p. 279. H.T. *armata* Joubin (= *suhmii* Lankester)).

2026. *suhmii* Lankester, 1884, Quart. J. micr. Sci., (n.s.), 24, p. 311, text figs. Off Sydney, N.S.W. Hoyle, 1885, Rep. Sci. Res. Challenger, Zool., 16, p. 472, figs. 173-174 (H.333).

*Suborder* MYOPSIDA (= SEPIOIDEA)

*Family* SPIRULIDAE

SPIRULA Lamarck, 1799, Mem. Soc. Hist. Nat. Paris, 1799, p. 80. T.T. *spirula* Linne.

2027. *spirula* Linne, 1758, Syst. Nat., 10 ed., p. 710. America. Allan, 1950, Aust. Shells, p. 441, text fig. 107 (H.320).

*Family* SEPIOLIDAE

EUPRYMNA Steenstrup, 1887, Overs. K. Dansk. Vid. Selsk. Forh., p. 66. L.T. (Hoyle, 1910, Abh. Senckenb. Naturf. Gesell., 32, p. 409) *morsei* Verrill.

2028. *tasmanica* Pfeffer, 1884, Abh. Nat. wiss. Ver. Hamb., 8, (1), p. 6. Bass Strait. Cotton and Godfrey, 1940, Moll. South Aust., 2, Cephalopoda, p. 400, figs. 397-398. (South Aust.) Allan, 1945, loc. cit., 21, p. 341, pl. 27, figs. 20-21.

2029. *stenodactyla* Grant, 1833, Trans. Zool. Soc. Lond., 1, p. 84, pl. 11, figs. 1, 2, 6. Mauritius. Brazier, 1892, Cat. Mar. Shells Aust. Tas., pt. 1, p. 9. Port Jackson, N.S.W. (H.329).

HETEROTEUTHIS Gray, 1849, Cat. Moll. Brit. Mus., pt. 1, Cephal., p. 90. H.T. *dispar* Ruppell.

2030. *serventyi* Allan, 1945, Rec. Aust. Mus., 21, p. 340, pl. 27, figs. 22, 23. Off Jervis Bay, N.S.W.

AUSTROROSSIA Berry, 1918, Biol. Res. Endeavour, 4, p. 252. O.T. *australis* Berry.

2031. *australis* Berry, 1918, Biol. Res. Endeavour, 4, p. 253, text figs. 43-47, pl. 69, figs. 3, 4, pl. 70. Great Australian Bight, S. of Eucla, 250-300 fm. Also Gabo I. to Everard Ground, Vict., 200-250 fm.

*Family* SEPIIDAE

[Ref.:—Iredale, 1926, Aust. Zool., 4, pp. 186-196, pls. 21-23; id. ib., 1926, p. 237, pl. 35; id. ib., 1954, 12, pp. 63-82, pls. 4, 5.]

*Subfamily* SOLITOSEPIINAE

SOLITOSEPIA Iredale, 1926, Aust. Zool., 4, p. 188. H.T. *liliana* Iredale.

2032. *liliana* Iredale, 1926, Aust. Zool., 4, p. 188, pl. 21, figs. 1-3. Manly, N.S.W.

2033. *mestus* Gray, 1849, Cat. Moll. Brit. Mus., pt. 1, Ceph., p. 108. Port Jackson, N.S.W. Iredale, 1926, loc. cit., p. 189, pl. 21, figs. 4-5 (H.324).

2034. *rozella* Iredale, 1926, Aust. Zool., 4, p. 190, pl. 21, figs. 6-7. Manly, N.S.W.

2035. *plangon* Gray, 1849, Cat. Moll. Brit. Mus., pt. 1, Ceph., p. 104. Port Jackson, N.S.W. Iredale, 1926, loc. cit., p. 190, pl. 23, fig. 34 (H.325).

MESEMBRISEPIA Iredale, 1926, Aust. Zool., 4, p. 190. H.T. *macandrewi* Iredale.

2036. *macandrewi* Iredale, 1926, Aust. Zool., 4, p. 191, pl. 21, figs. 8-9. Shellharbour, N.S.W.

AMPLISEPIA Iredale, 1926, Aust. Zool., 4, p. 194. H.T. *apama* Gray.

2037. *verreauxi* Rochebrune, 1884, Bull. Soc.

Philom. Paris, (7), 8, p. 98. Sydney, N.S.W. Iredale, 1926, loc. cit., p. 194, pl. 23, figs. 1-2 (H.321).

DECORISEPIA Iredale, 1926, Aust. Zool., 4, p. 193. O.T. *rex* Iredale.

2038. *rex* Iredale, 1926, Aust. Zool., 4, p. 193, pl. 22, figs. 9-10. Manly, N.S.W.

GLYPTOSEPIA Iredale, 1926, Aust. Zool., 4, p. 191. O.T. *opipara* Iredale.

2039. *opipara* Iredale, 1926, Aust. Zool., 4, p. 191, pl. 22, figs. 7-8. Capricorn Group, Q. (also N.S.W.).

2040. *cultrata* Hoyle, 1885, Ann. Mag. Nat. Hist., (5), 16, p. 198. Off south-east coast Australia, "2200 fm." (in error = 150 fm.). Id., 1887, Rep. Sci. Res. Challenger, Zool., 16, p. 133, pl. 20 (= *macilenta* Iredale, 1924, Aust. Zool., 4, p. 192, pl. 22, figs. 3, 4. Manly, N.S.W. Iredale, 1955, Proc. Zool. Soc. N.S.W., 1953-4, pp. 78-79) (H.323).

2041. *gemellus* Iredale, 1926, Aust. Zool., 4, p. 192, pl. 22, figs. 1-2. Manly, N.S.W.

*Subfamily* DORATOSEPIONTINAE

ARCTOSEPIA Iredale, 1926, Aust. Zool., 4, p. 193. O.T. *limata* Iredale.

2042. *limata* Iredale, 1926, Aust. Zool., 4, p. 193, pl. 23, figs. 7, 8. Manly, N.S.W.

2043. *versuta* Iredale, 1926, Aust. Zool., 4, p. 193, pl. 23, figs. 5, 6. Manly, N.S.W.

2044. *braggi* Verco, 1907, Trans. Roy. Soc. South Aust., 31, p. 213, pl. 27, fig. 6. South Australia. Iredale, 1954, Aust. Zool., 12, p. 74. Narooma, southern N.S.W. (H.322).

*Subfamily* TENUISEPIINAE

TENUISEPIA Cotton, 1932, Rec. South Aust. Mus., 4, p. 546. O.T. *mira* Cotton.

2045. *mira* Cotton, 1932, Rec. South Aust. Mus., 4, p. 546, figs. 7, 9. Capricorn Group, South Queensland. Iredale, 1954, Aust. Zool., 12, p. 75, pl. 5, figs. 7-8. Trial Bay, N.S.W.

*Subfamily* ACANTHOSEPIONTINAE

ACANTHOSEPION Rochebrune, 1874, Bull. Soc. Philom. Paris, (7), 8, p. 100. L.T. (Mayer, 1885, Zool. Jahresb. Naples, 1884, p. 23) *aculeata* Hasselt.

2046. *whitleyanum* Iredale, 1926, Aust. Zool., 4, p. 195, pl. 23, figs. 9-10. Port Macquarie, N.S.W. *Subgenus* FISCISEPIA Iredale, 1926, Aust. Zool., 4, p. 239. O.T. *ellipticum adjacens* Iredale.

2047. *ellipticum adjacens* Iredale, 1926, Aust. Zool., 4, p. 239, pl. 35, figs. 5-6. Capricorn Group, South Q'ld.

*Family* SEPIOLOIDEIDAE

SEPIOLOIDEA Orbigny, 1839, Hist. Nat. Ceph. Acet., p. 240. H.T. *lineolata* Quoy and Gaimard.

2048. *lineolata* Quoy and Gaimard, 1832, Voy. Astrol., Zool., 2, p. 82, pl. 5, figs. 8-13. Jervis Bay, N.S.W. Allan, 1933, Vict. Nat., 49, p. 240, pl. 15, fig. 7. Dew, 1959, Proc. Roy. Zool. Soc. N.S.W., 1957-8, pp. 53-55, fig. 1 (H.328).

*Family* IDIOSEPIIDAE

IDIOSEPIUS Steenstrup, 1881, Dansk. Viden. Selsk. Skrift., (6), 1, p. 219. O.T. *pygmaeus* Steenstrup.

2049. *notoides* Berry, 1921, Rec. South Aust. Mus., 1, p. 361, fig. 67 in text. South Australia. Cotton and Godfrey, 1940, Moll. South Aust., pt. 2, p. 399, fig. 392. Allan, 1945, loc. cit., p. 342. Bass Strait.

*Family* LOLIGINIDAE

LOLIGO Lamarck, 1798, Bull. Sci. Soc. Philom. Paris, No. 17, p. 130. T.T. *loligo* Linne.

2050. *australis* Gray, 1849, Cat. Moll. Brit. Mus., pt. 1, Cephal., p. 71. Newcastle, N.S.W. Not figured. Cf. *etheridgei* Berry, 1918, Biol. Res. Endeavour, 4, p. 243, pl. 67-68, pl. 69, figs. 1-2. "Australian seas" (H.327).

SEPIOTEUTHIS Blainville, 1824, Dict. Sci. Nat. (Levr.), 32, p. 175. H.T. *sepiacea* Blainville.

2051. *australis* Quoy and Gaimard, 1832, Voy. Astrol., Zool., 2, p. 77, pl. 4, fig. 1. Western Port, Victoria. Allan, 1933, Vict. Naturalist, 49, pl. 15, figs. 3, 3 a. Cotton and Godfrey, 1940, Moll. South Aust. pt. 2, p. 414, figs. 402-405 (H.326).

*Order OCTOPODA*

*Family* OCTOPODIDAE

OCTOPUS Cuvier, 1798, Tabl. Elem. Hist. Nat., p. 380. T.T. *vulgare* Cuvier (= *Sepia octopus* Linne) (= *Octopus* Lamarck, 1798, Bull. Sci. Soc. Philom. Paris, No. 17, p. 130. T.T. *vulgaris* Lamarck).

2052. *australis* Hoyle, 1885, Ann. Mag. Nat. Hist., (5), 15, p. 224. Port Jackson, N.S.W. Id., 1886, Rep. Sci. Res. Challenger, Zool., 16, p. 88, pl. 3, figs. 4, 5 (H.334).

2053. *pallidus* Hoyle, 1885, Ann. Mag. Nat. Hist., (5), 15, p. 223. Bass Strait, 38 fm. Id., 1886, Rep. Sci. Res. Challenger, Zool., 16, p. 81, pl. 1, fig. 2. Allan, 1945, loc. cit., 21, p. 343, pl. 27, figs. 15-18. Allan, 1950, Aust. Shells, p. 456, fig. 2.

2054. *cyaneus* Gray, 1849, Cat. Moll. Brit. Mus., pt. 1, Cephal., p. 15. Coast of New Holland. Allan, 1950, Aust. Shells, p. 457, text fig. 110, fig. 7. Sydney Harbour, N.S.W. Le Souef and Allan, 1933, Aust. Zool., 7, pp. 373-376, pl. 20. Id., 1937, ib., 9, pp. 64-67, pls. 6, 7. Dew, 1959, Proc. Roy. Zool. Soc. N.S.W., 1957-8, pp. 44-47, figs. 1-2 (H.335).

2055. *duplex* Hoyle, 1885, Ann. Mag. Nat. Hist., (5), 15, p. 226. Off Twofold Bay, N.S.W. Id., 1886,

Rep. Sci. Res. Challenger, Zool., 16, p. 90, pl. 7, fig. 5 (H.336).

HAPALOCHLAENA Robson, 1920, Mon. Rec. Cephalop. Brit. Mus., 1, p. 209. O.T. *lunulatus* Quoy and Gaimard.

2056. *maculosa* Hoyle, 1883, Proc. Roy. Phys. Soc. Edinb., 7, p. 319, pl. 6. Australia (= *Octopus pictus* Brock, 1882, Zeit. wiss. Zool., 36, p. 603, pl. 37, fig. 3, not *O. pictus* Blainville, 1828). Hoyle, 1886, Rep. Sci Res. Challenger, Zool., 16, p. 94, pl. 8, fig. 3 (= var. *fasciata*. Port Jackson, N.S.W.). Allan, 1933, Vict. Nat., 49, p. 238, pl. 15, fig. 1. Dew, 1959, Proc. Roy. Zool. Soc. N.S.W., 1957-8, pp. 47-50, fig. 3 (H.337).

2057. *tetrica* Gould, 1852, U.S. Expl. Exped. (Wilkes), 12, Moll., p. 474, pl. 47, fig. 588. Port Jackson, N.S.W. Allan, 1945, loc. cit., 21, p. 344, pl. 27, fig. 19 (H.339).

PINNOCTOPUS Quoy and Gaimard, 1832, Voy. Astrol., Zool., 2, p. 87. H.T. *cordiformis* Quoy and Gaimard.

2058. *cordiformis* Quoy and Gaimard, 1832, Voy. Astrol., Zool., 2, p. 87, pl. 6, fig. 3. Tasman Bay, New Zealand.

### *Family* ELEDONELLIDAE

ELEDONELLA Verrill, 1884, Trans. Conn. Acad. Sci., 6, (1), p. 144. O.T. *pygmaea* Verrill.

2059. *sheardi*, Allan, 1945, Rec. Aust. Mus., 21, p. 345, pl. 26, figs. 22-27. Off Cape Byron, N.S.W.

### *Family* ARGONAUTIDAE

ARGONAUTA Linne, 1758, 10 ed. p. 708. H.T. *argo* Linne.

2060. *grandiformis* Perry, 1811, Conchology, pl. 42, fig. 4. Cape of Good Hope. Allan, 1950, Aust. Shells, p. 458 *(argo,* not of Linne, 1758) (H.340).

2061. *nodosa* Solander, 1786, Cat. Portland Mus., p. 96. Amboina. Rumph, 1741, Amboin. Rariteitk., pl. 18, fig. 1. Allan, 1933, Vict. Nat., 49, pl. 15, figs. 8, 9. Allan, 1950, Aust. Shells, p. 458, pl. 44, fig. 1 (H.341).

2062. *boettgeri* Maltzan, 1881, J. de Conch., 29, p. 163, pl. 9, fig. 7. No loc. Hedley, 1923, Proc. Linn. Soc. N.S.W., 48, p. 306, pl. 31, fig. 11. Near Sydney, N.S.W.

2063. *nouryi* Lorois, 1852, Rev. Mag. Zool., (2), 4, p. 9, pl. 1, fig. 5. East of Marquesas Group, Pacific Ocean.

### *Subclass* TETRABRANCHIATA

### (= NAUTILOIDEA)

This subclass includes the well-known Pearly Nautilus shells, none of which lives on the New South Wales coast, but shells from the tropics sometimes drift down and may be found washed up on the beaches, usually in a battered condition. As means of identification, reference may be made to Iredale, 1944, Aust. Zool., 10, pp. 294-298, text figs., and Allan, 1950, Aust. Shells, pp. 438-440, coloured figure on pl. 44, fig. 10.

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